RAINEON

南京睿宁电子科技有限公司

NANJING RAINEON ELECTRONIC TECHNOLOGY CO., LTD

# PRODUCT CATALOGUE

Aviation Connectors | Interconnect Technology




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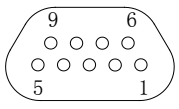
## Features

· Corresp. to US MDM series products
· Contacts: 10 pin counts · 9, 15, 21, 25, 31, 37, 51, 66, 74 and 100
· Twisted-wire (spring) contacts, high contact density
· Conductor cross-section 0.1 mm 2 to 0.15 mm2. Wires of 0.07 mm 2 may also be used, but the part number is special
· Locking accessories are supplied assembled to the product as ordered; if not required, state in the contract
· Performance meets GJB2446
· Applicable standard:
Q/Ln. J6-69A-2003
Detail Specification for J30 Series Micro Rectangular Electrical Connectors

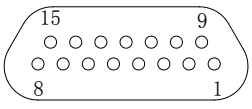
## Technical Characteristics

· Ambient temperature: -55 °C to +125 °C
· Vibration: 10 Hz to 2000 Hz, 196 m/s
· Random vibration: PSD 0.4 G 2/Hz, overall RMS acceleration 23.1 G
· Shock: 735 m/s 11ms
· Rated current: 3 A
· Contact resistance: <=10 mOhm
· Insulation resistance: >=5000 MOhm
· Dielectric withstanding voltage: 800 V
· Mechanical life: 500 cycles

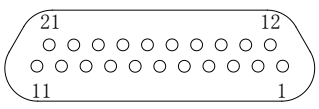
## Contact Arrangements



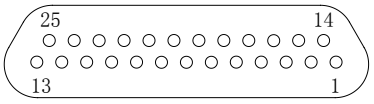
J30J-9 way



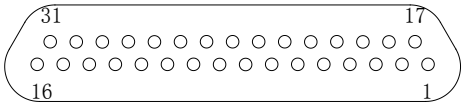
J30J-15 way



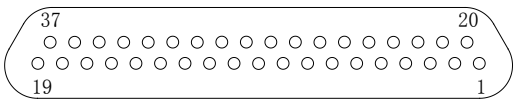
J30J-21 way



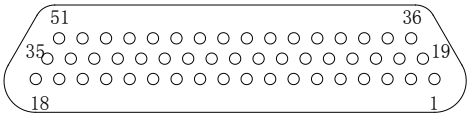
J30J-25 way



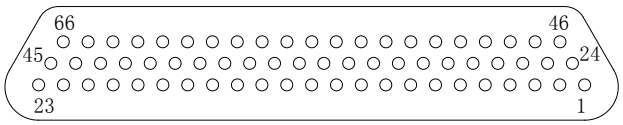
J30J-31 way



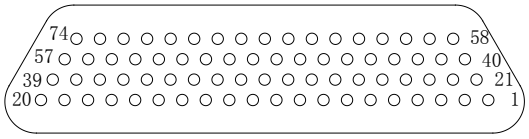
J30J-37 way



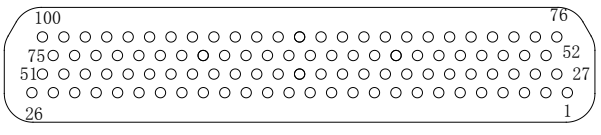
J30J-51 way



J30J-66 way



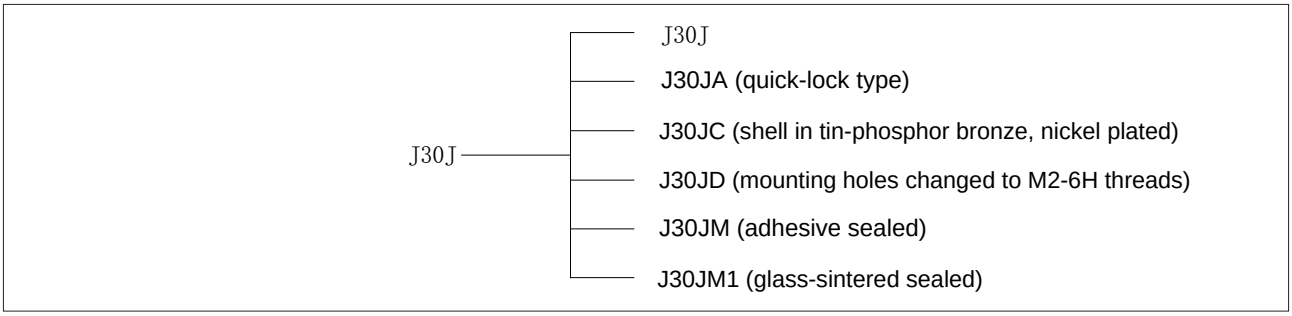
J30J-74 way



J30J-100 way

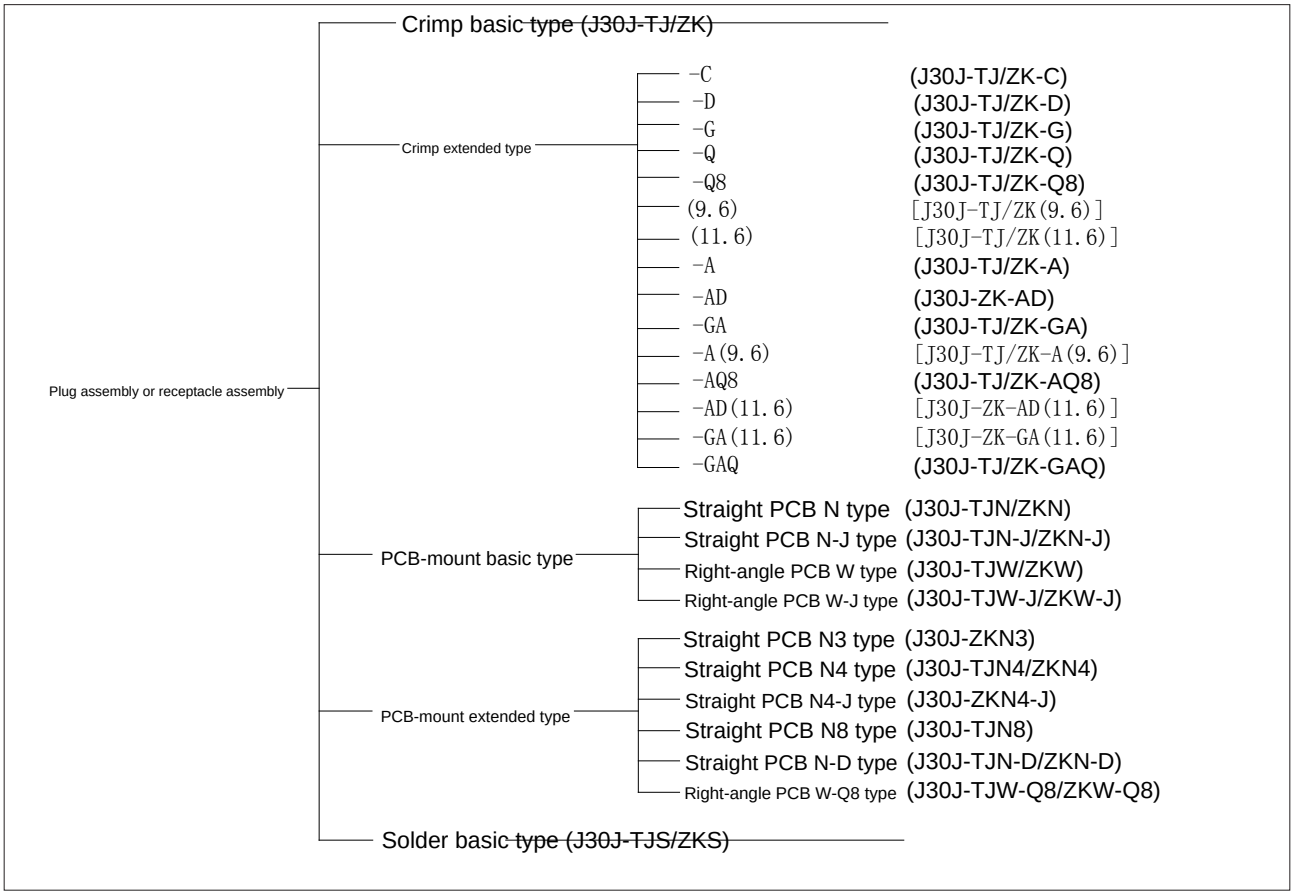
Note: viewed from the mating end of the plug

## Product Family Tree

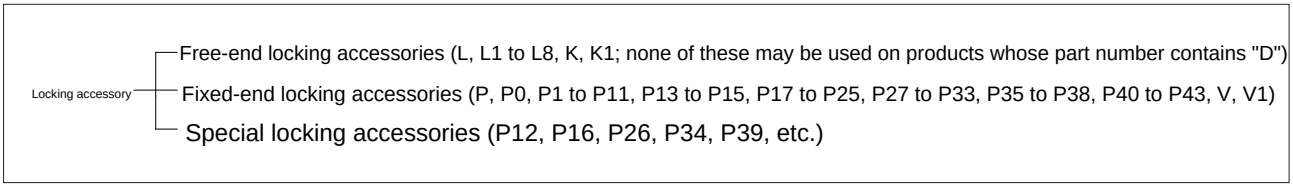



The J30J product family tree is listed separately as plug (receptacle) assembly, locking accessory, cable-clamp assembly and plug (receptacle) family trees, as follows:

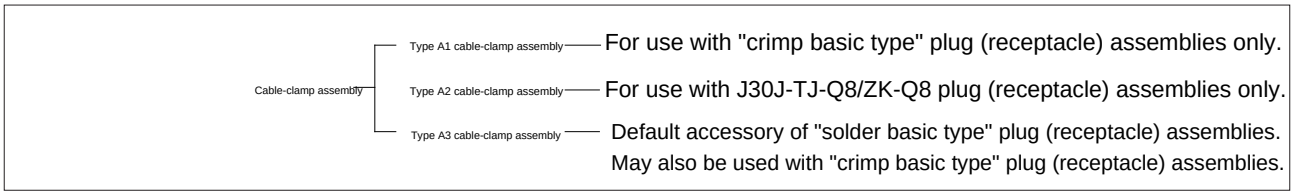
## Plug (Receptacle) Assembly Family Tree




## Locking Accessory Family Tree



## Cable-Clamp Assembly Family Tree




## Selection Notes

When ordering J30J products, select both the plug (receptacle) assembly and the locking accessory so that a connector with locking function is obtained. The cable-clamp assembly is optional and may be selected as required.
In addition, because not all plug (receptacle) assemblies, locking accessories and cable-clamp assemblies may be combined freely, and owing to the product characteristics, the following shall be known first:

1. Cable-clamp assemblies shall be selected per the "Cable-Clamp Assembly Family Tree". In addition, a plug (receptacle) assembly fitted with a cable clamp should not be used with a front-panel mounting locking accessory (i.e. one whose mounting screw suits front-panel mounting, such as P, P8, P9), because the clamp prevents the mounting plate from being fitted; if a plug (receptacle) assembly fitted with a cable clamp is to be used with a rear-panel mounting locking accessory (such as P0, P3, P4, P11), the plate thickness shall be taken as "mounting plate thickness + 0.7".

2. Since solder basic type plug (receptacle) assemblies (J30J-TJS/ZKS) are fitted with a type A3 cable clamp by default, the J30J-TJS/ZKS-G plug (receptacle) assemblies extended from them are also fitted with a type A3 cable clamp by default. To keep the same plating as the shell, the cable clamp shall also be cadmium plated.

3. Plug (receptacle) assemblies whose part number contains a capital "D" cannot be fitted with L, L1 to L8, K or K1 locking accessories.

4. If a plug (receptacle) assembly with a capital "D" at the end of the part number is to be fitted with a rear-panel mounting locking accessory (i.e. one whose mounting screw suits rear-panel mounting, such as P0, P3, P4, P11), the plate thickness must be taken as "mounting plate thickness + 0.6".

5. J30J-TJ/ZK-Q plug (receptacle) assemblies are fitted with a flange-face rubber gasket by default; this gasket is only meaningful when the plug (receptacle) assembly is fitted with a fixed-end locking accessory. If it is fitted with a free-end locking accessory the gasket is not needed; if it is fitted with a special locking accessory, whether the flange-face gasket is used depends on whether the accessory must be fixed to the mounting plate. However, for consistency of product configuration, the gasket is supplied with the product regardless of the locking accessory fitted.

6. Crimp extended type plug (receptacle) assemblies containing a capital "A" (page 505) are supplied with heat-shrink tubing and a shielding braid over the whole wire bundle by default; state in the contract if not required. State in the contract also if a nylon braided sleeve is required on the outermost layer.

7. If most contacts are to be wired with large-diameter wires (such as AFRP-250 or AFPF-1 shielded wires), consider whether the potting cavity and the cable-clamp assembly (if fitted) provide sufficient space; this can usually only be determined after a trial assembly.

8. If wires with unplated conductors, tin-plated conductors or single-core conductors are to be crimped, because the process for such wires is special, a non-standard contract shall be used and the condition of the conductor stated. Such wires include AFR-200, wires beginning with 82A such as 82A01111, and soft round copper wire, etc.

9. Unused contacts: where there is no technical agreement or prior consensus, they are closed with an unwired socket or pin contact.

## How to Order

J30J ① × ② – × ③ TJ/ZK ④ × ⑤ × ⑥ – × ⑦ × ⑧ (Additional notes)

(1) Basic type code:
(2) Series variant: blank - basic type
A - quick-lock type
C - shell in tin-phosphor bronze, nickel plated
D - mounting holes changed to M2-6H
M - adhesive sealed
M1 - glass-sintered sealed
(3) Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
(4) Connector and contact type:
TJ - plug with pin contacts
ZK - receptacle with socket contacts
TJ and ZK are a fixed pairing
(5) Termination style:
blank - crimp
S - solder
N - straight PCB
W - right-angle PCB
(6) Locking accessory type: see J30J Locking Accessories
(7) Surface finish:
blank - nickel-plated shell
G - cadmium-plated shell
(8) Basic variant: A - shell rear end with shielded cable clamp
C - for wire exit perpendicular to the contact axis
D - anti-rotation slot on the mating face flange of the receptacle shell
AD - combination of variants A and D
Q - widened shell flange
J - PCB grid pitch 1.27 x 2.54 (columns x rows)

Note: the additional notes are not part of the ordering designation. When ordering, state in brackets the wire specification to be crimped, such as conductor cross-section, length and colour. If special wiring is required, give the wiring scheme.

### Ordering example:

J30J-31ZKP-GAD(11.6) (wire AFR-250, 0.12 mm 2, length 300 mm, with nylon braided sleeve)

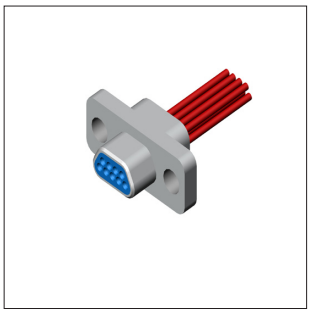
The above designation means: 31 contacts, receptacle with socket contacts, crimp termination, with P-type locking accessory, with rear hood and cable clamp, heat-shrink tubing and shielding braid over the whole wire bundle, shell, clamp and rear hood all cadmium plated, and an anti-rotation slot on the shell flange of width 11.6 mm; wire type AFR-250, conductor cross-section 0.12 mm 2, wire tail length not less than 300 mm, wire colour optional but consistent within one batch, all contacts crimped (applies by default whenever the additional notes do not specify wire colour or per-contact wiring requirements), with a nylon braided sleeve on the outermost layer of the wire bundle.

## J30J Crimp Basic Type \ J30J-TJ and J30J-ZK

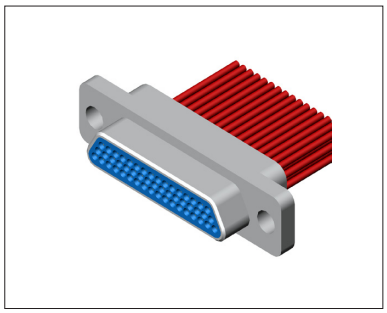
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ

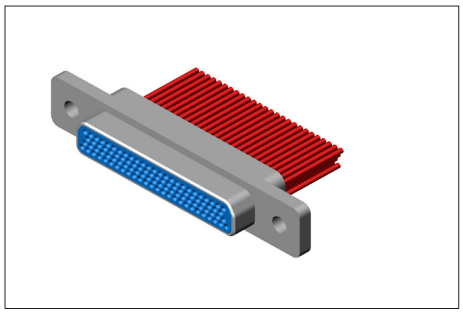
#### 3D View



J30J-9TJ



J30J-51TJ

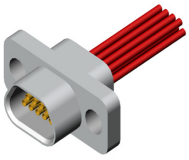


J30J-100TJ

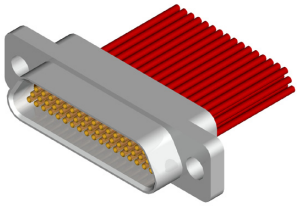
### · Receptacle

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK

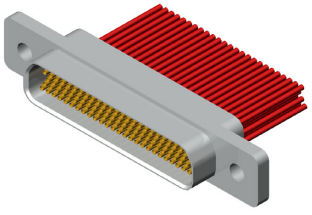
#### 3D View



J30J-9ZK

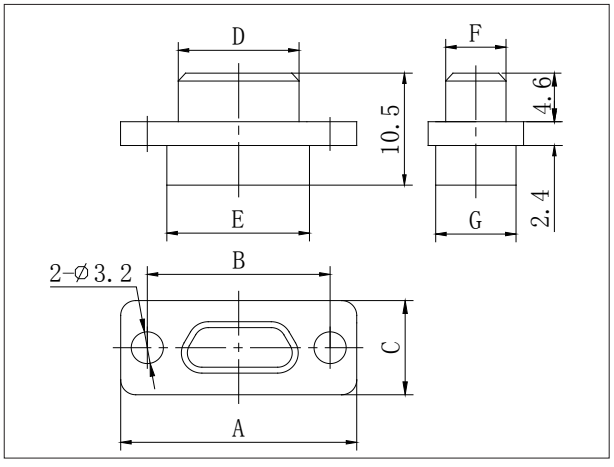


J30J-51ZK



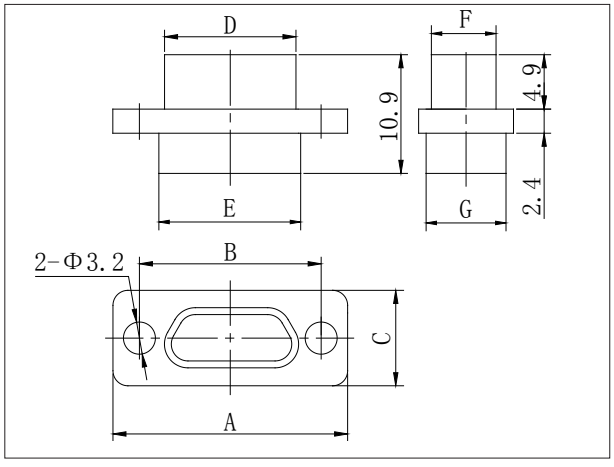
J30J-100ZK

#### Outline Dimensions




J30J-☐TJ

#### Outline Dimensions

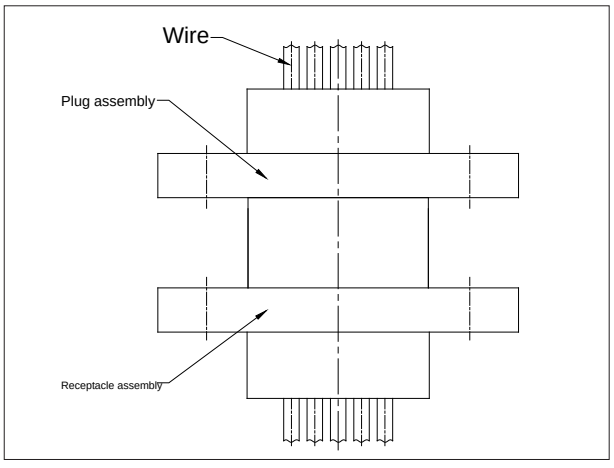



J30J-☐ZK

## J30J Crimp Basic Type \ J30J-TJ & J30J-ZK

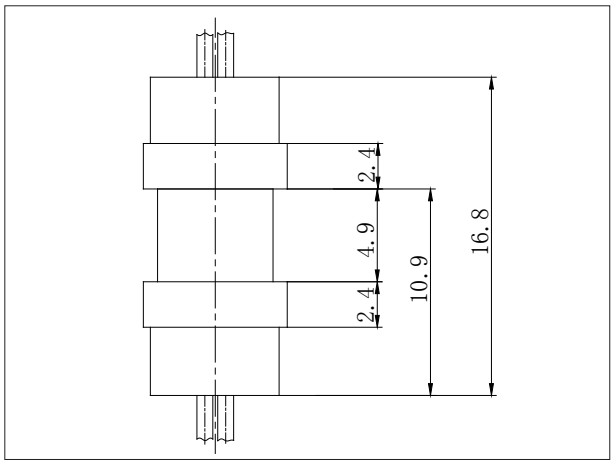
| How to Order | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| J30J-9TJ | 19.6 | 14.3 | 7.6 | 8.3 | 9.9 | 4.7 | 6.8 |
| J30J-15TJ | 23.5 | 18.2 | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 |
| J30J-21TJ | 27.4 | 22 | 7.6 | 16 | 17.6 | 4.7 | 6.8 |
| J30J-25TJ | 29.8 | 24.5 | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 |
| J30J-31TJ | 33.6 | 28.3 | 7.6 | 22.4 | 24 | 4.7 | 6.8 |
| J30J-37TJ | 37.4 | 32.2 | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 |
| J30J-51TJ | 36.4 | 30.86 | 8.7 | 25 | 26.6 | 5.8 | 7.9 |
| J30J-66TJ | 42.9 | 37.3 | 8.7 | 31.4 | 33 | 5.8 | 7.9 |
| J30J-74TJ | 38.8 | 33.5 | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 |
| J30J-100TJ | 54.7 | 45.7 | 9.7 | 35 | 36.6 | 6.8 | 9.1 |
| J30J-9ZK | 19.6 | 14.3 | 7.6 | 9.8 | 9.9 | 6.1 | 6.8 |
| J30J-15ZK | 23.5 | 18.2 | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 |
| J30J-21ZK | 27.4 | 22 | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 |
| J30J-25ZK | 29.8 | 24.5 | 7.6 | 20 | 20.2 | 6.1 | 6.8 |
| J30J-31ZK | 33.6 | 28.3 | 7.6 | 23.8 | 24 | 6.1 | 6.8 |
| J30J-37ZK | 37.4 | 32.2 | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 |
| J30J-51ZK | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 |
| J30J-66ZK | 42.9 | 37.3 | 8.7 | 32.9 | 33 | 7.2 | 7.9 |
| J30J-74ZK | 38.8 | 33.5 | 9.7 | 29 | 29.1 | 8.3 | 9.1 |
| J30J-100ZK | 54.7 | 45.7 | 9.7 | 36.6 | 36.65 | 8.2 | 9.1 |

### Outline Dimensions (Mated)




Front view

### Outline Dimensions (Mated)




Left view

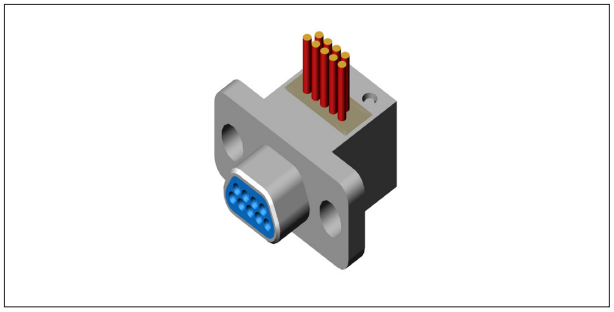
## J30J Crimp Extended Type \ J30J-TJ-C & J30J-ZK-C

Crimp product whose wire exit direction is perpendicular to the mating direction.

· Plug

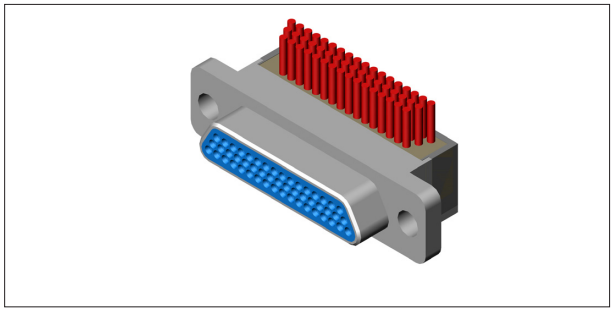
· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-C

3D View



J30J-9TJ-C

3D View

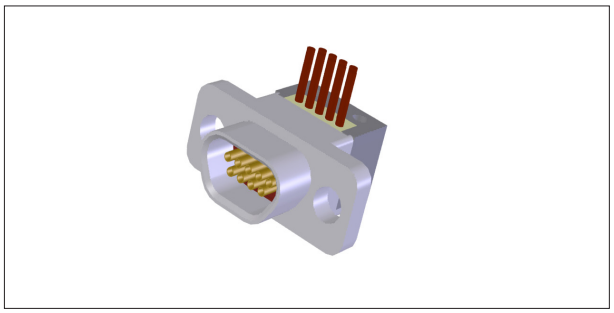


J30J-51TJ-C

· Receptacle

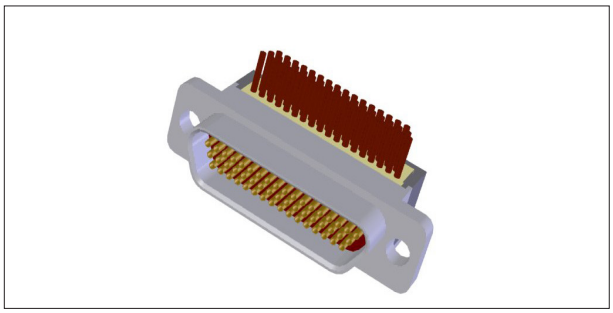
· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-C

3D View



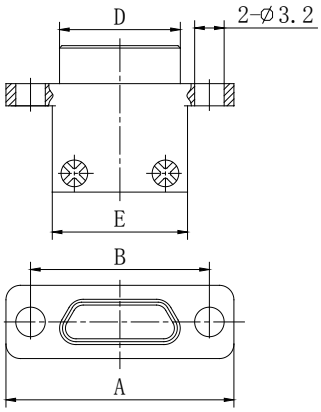
J30J-9ZK-C

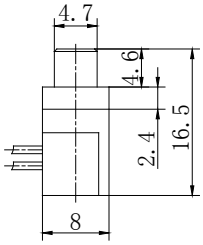
3D View



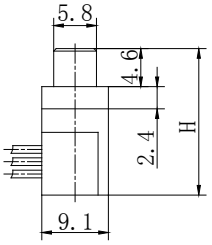
J30J-51ZK-C

## Outline Dimensions

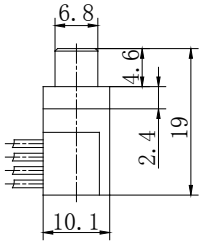



J30J-9~37TJ-C




J30J-51, 66 TJ-C




J30J-74, 100 TJ-C

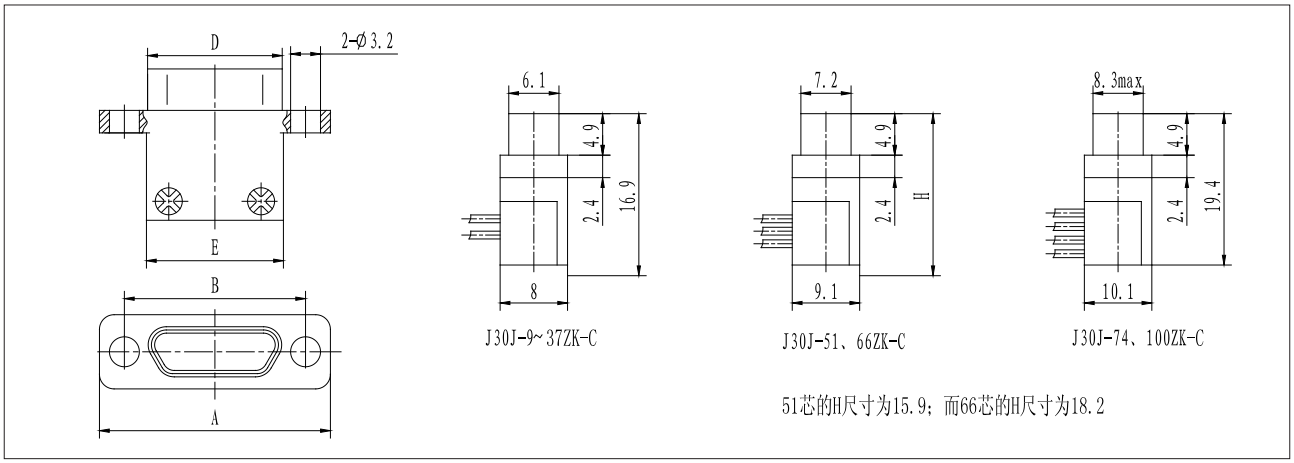
Dimension H is 15.5 for 51 way and 17.8 for 66 way

J30J-9 to 100 TJ-C

Left view of receptacle assembly, all contact counts

## J30J Crimp Extended Type \ J30J-TJ-C & J30J-ZK-C

### Outline Dimensions




J30J-9 to 100 ZK-C

Left view of receptacle assembly, all contact counts

| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| | | | TJ-C | ZK-C | |
| J30J-9TJ / ZK-C | 19.6 | 14.3 | 8.3 | 9.8 | 9.9 |
| J30J-15TJ / ZK-C | 23.5 | 18.2 | 12.3 | 13.7 | 13.8 |
| J30J-21TJ / ZK-C | 27.4 | 22 | 16 | 17.4 | 17.6 |
| J30J-25TJ / ZK-C | 29.8 | 24.5 | 18.6 | 20 | 20.2 |
| J30J-31TJ / ZK-C | 33.6 | 28.3 | 22.4 | 23.8 | 24 |
| J30J-37TJ / ZK-C | 37.4 | 32.2 | 26.3 | 27.7 | 27.8 |
| J30J-51TJ / ZK-C | 36.4 | 30.86 | 25 | 26.5 | 26.6 |
| J30J-66TJ / ZK-C | 42.9 | 37.3 | 31.4 | 32.9 | 33 |
| J30J-74TJ / ZK-C | 38.8 | 33.5 | 27.5 | 29 | 29.1 |
| J30J-100TJ / ZK-C | 54.7 | 45.7 | 35 | 36.6 | 36.6 |

Note:
Note that the wire exit directions of the J30J-TJ-C plug assembly and the J30J-ZK-C receptacle assembly are opposite.

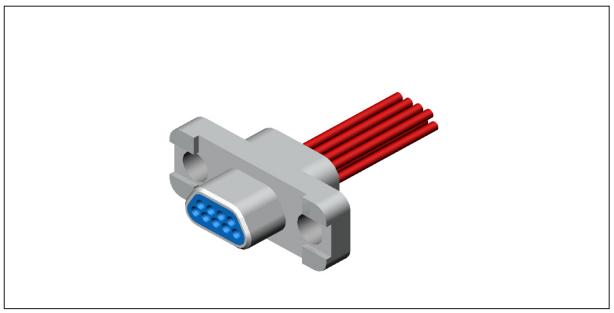
## J30J Crimp Extended Type \ J30J-TJ-D & J30J-ZK-D

Crimp product with a groove on the shell flange to prevent the mounting screw from turning.

### · Plug

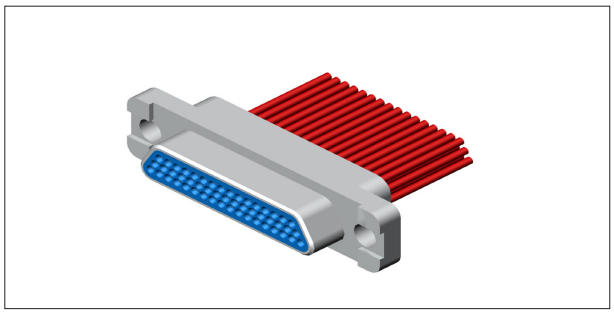
· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-D

3D View



J30J-9TJ-D

3D View

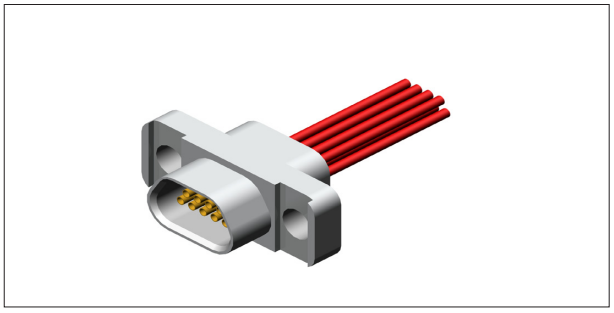


J30J-51TJ-D

### · Receptacle

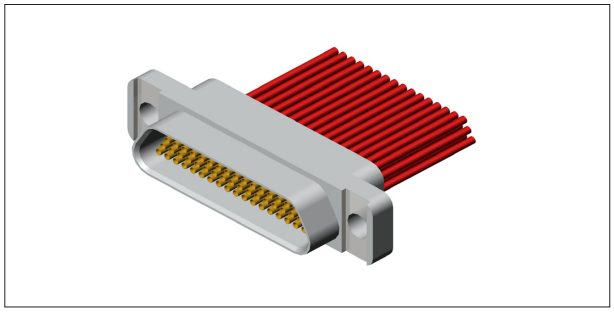
· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-D

3D View



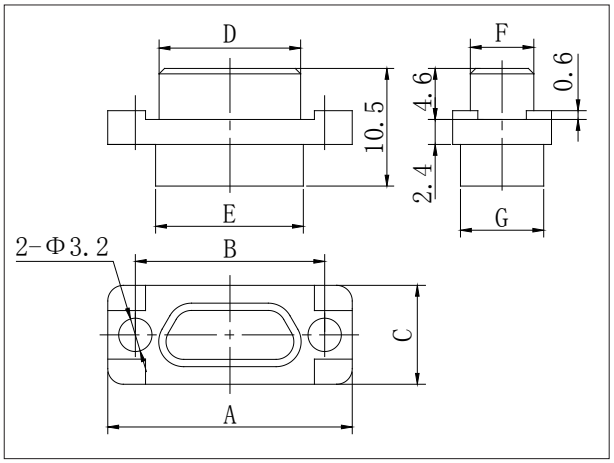
J30J-9ZK-D

3D View



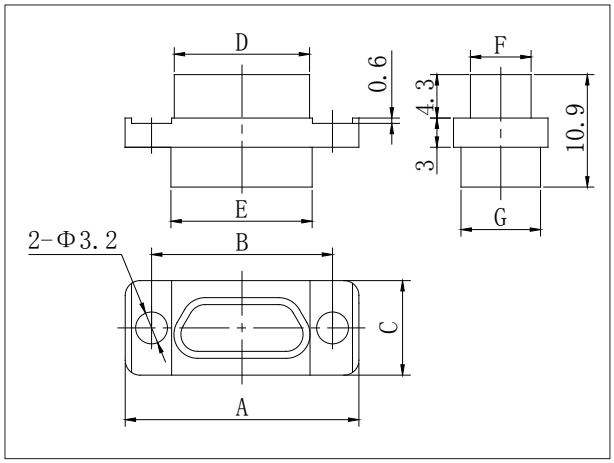
J30J-51ZK-D

Outline Dimensions




J30J-□TJ-D

Outline Dimensions




J30J-□ZK-D

## J30J Crimp Extended Type \ J30J-TJ-D & J30J-ZK-D

| How to Order | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| J30J-9TJ-D | 19.6 | 14.3 | 7.6 | 8.3 | 9.9 | 4.7 | 6.8 |
| J30J-15TJ-D | 23.5 | 18.2 | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 |
| J30J-21TJ-D | 27.4 | 22 | 7.6 | 16 | 17.6 | 4.7 | 6.8 |
| J30J-25TJ-D | 29.8 | 24.5 | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 |
| J30J-31TJ-D | 33.6 | 28.3 | 7.6 | 22.4 | 24 | 4.7 | 6.8 |
| J30J-37TJ-D | 37.4 | 32.2 | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 |
| J30J-51TJ-D | 36.4 | 30.86 | 8.7 | 25 | 26.6 | 5.8 | 7.9 |
| J30J-66TJ-D | 42.9 | 37.3 | 8.7 | 31.4 | 33 | 5.8 | 7.9 |
| J30J-74TJ-D | 38.8 | 33.5 | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 |
| J30J-100TJ-D | 54.7 | 45.7 | 9.7 | 35 | 36.6 | 6.8 | 9.1 |
| J30J-9ZK-D | 19.6 | 14.3 | 7.6 | 9.8 | 9.9 | 6.1 | 6.8 |
| J30J-15ZK-D | 23.5 | 18.2 | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 |
| J30J-21ZK-D | 27.4 | 22 | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 |
| J30J-25ZK-D | 29.8 | 24.5 | 7.6 | 20 | 20.2 | 6.1 | 6.8 |
| J30J-31ZK-D | 33.6 | 28.3 | 7.6 | 23.8 | 24 | 6.1 | 6.8 |
| J30J-37ZK-D | 37.4 | 32.2 | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 |
| J30J-51ZK-D | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 |
| J30J-66ZK-D | 42.9 | 37.3 | 8.7 | 32.9 | 33 | 7.2 | 7.9 |
| J30J-74ZK-D | 38.8 | 33.5 | 9.7 | 29 | 29.1 | 8.3 | 9.1 |
| J30J-100ZK-D | 54.7 | 45.7 | 9.7 | 36.6 | 36.65 | 8.2 | 9.1 |

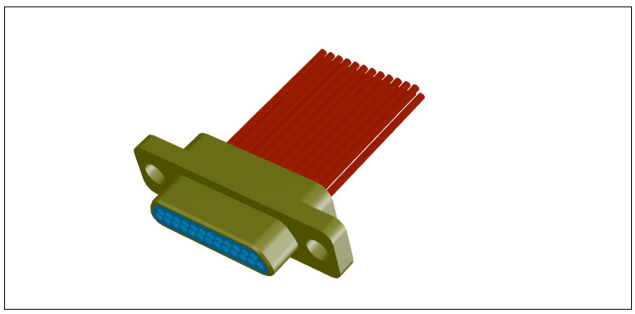
## J30J Crimp Extended Type \ J30J-TJ-G & J30J-ZK-G

Based on J30J-TJ/ZK basic type products, with the shell finish changed to cadmium plating.

### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-G

3D View

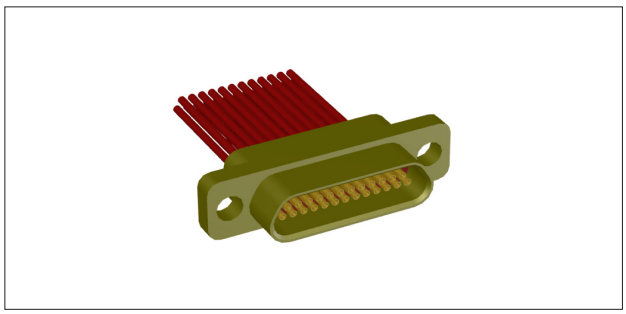


J30J-□TJ-G

### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-G

3D View



J30J-□ZK-G

Note: this product is identical in shape to J30J-TJ/ZK basic type products apart from the colour difference caused by the different shell plating. Its outline dimensions and mounting plate hole dimensions follow those of the J30J-TJ/ZK basic type product of the corresponding contact count.

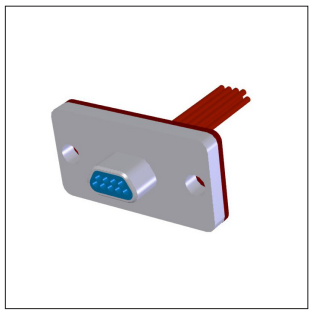
## J30J Crimp Extended Type \ J30J-TJ-Q & J30J-ZK-Q

Shell flange length, width and mounting hole spacing increased, with a flange-face sealing gasket.

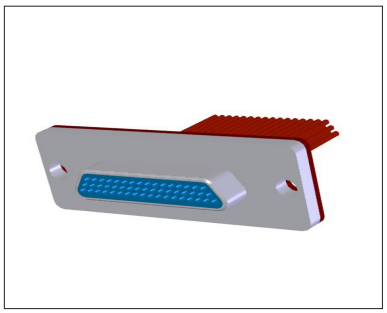
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-Q

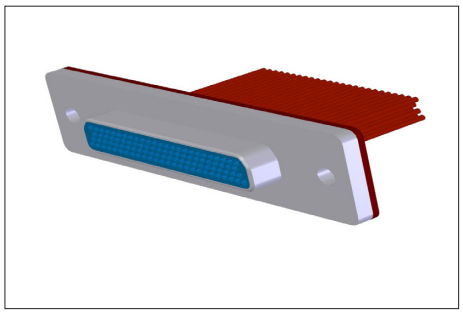
#### 3D View



J30J-9TJ-Q



J30J-51TJ-Q

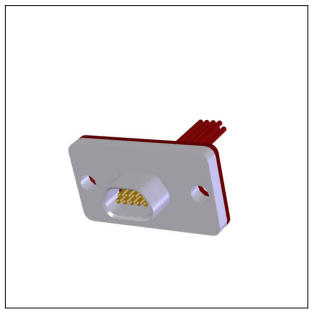


J30J-100TJ-Q

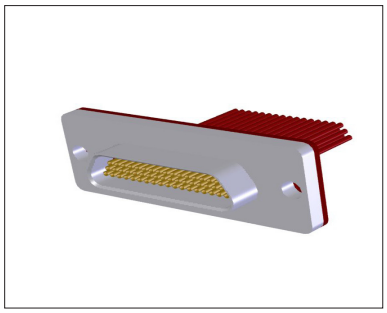
### · Receptacle

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-Q

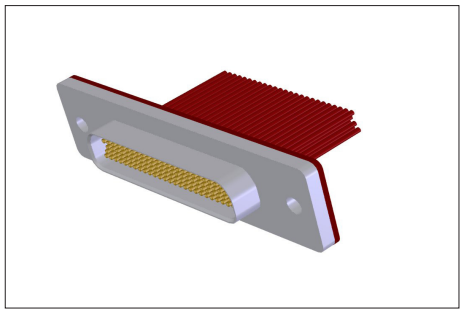
#### 3D View



J30J-9ZK-Q

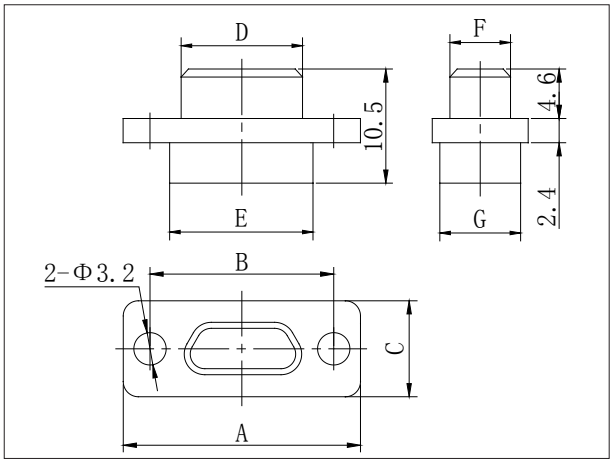


J30J-51ZK-Q

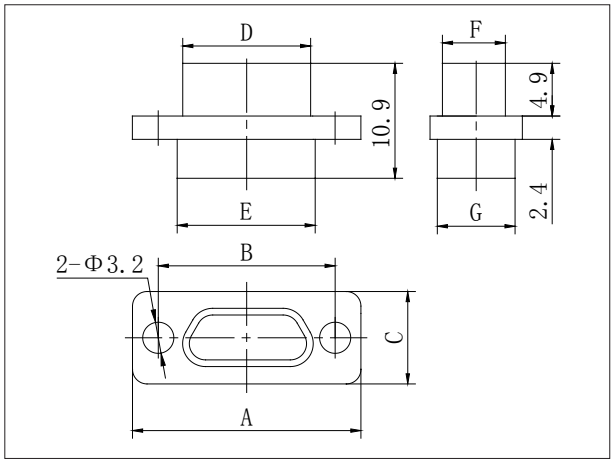


J30J-100ZK-Q

#### Outline Dimensions




J30J-□TJ-Q




J30J-□ZK-Q

Note: the rubber gasket fitted on the flange (see 3D view) is 1 mm thick.

## J30J Crimp Extended Type \ J30J-TJ-Q & J30J-ZK-Q

| How to Order | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| J30J-9TJ-Q | 26 | 21 | 14 | 8.3 | 9.9 | 4.7 | 6.8 |
| J30J-15TJ-Q | 29.9 | 24.9 | 14 | 12.3 | 13.8 | 4.7 | 6.8 |
| J30J-21TJ-Q | 33.8 | 28.7 | 14 | 16 | 17.6 | 4.7 | 6.8 |
| J30J-25TJ-Q | 36.2 | 31.2 | 14 | 18.6 | 20.2 | 4.7 | 6.8 |
| J30J-31TJ-Q | 40 | 35 | 14 | 22.4 | 24 | 4.7 | 6.8 |
| J30J-37TJ-Q | 43.8 | 38.9 | 14 | 26.3 | 27.8 | 4.7 | 6.8 |
| J30J-51TJ-Q | 42.6 | 37.6 | 15.2 | 25 | 26.6 | 5.8 | 7.9 |
| J30J-66TJ-Q | 49.3 | 44 | 15.2 | 31.4 | 33 | 5.8 | 7.9 |
| J30J-74TJ-Q | 45.2 | 40.2 | 16.1 | 27.5 | 29.1 | 6.8 | 9.1 |
| J30J-100TJ-Q | 61.1 | 52.4 | 16.1 | 35 | 36.6 | 6.8 | 9.1 |
| J30J-9ZK-Q | 26 | 21 | 14 | 9.8 | 9.9 | 6.1 | 6.8 |
| J30J-15ZK-Q | 29.9 | 24.9 | 14 | 13.7 | 13.8 | 6.1 | 6.8 |
| J30J-21ZK-Q | 33.8 | 28.7 | 14 | 17.4 | 17.6 | 6.1 | 6.8 |
| J30J-25ZK-Q | 36.2 | 31.2 | 14 | 20 | 20.2 | 6.1 | 6.8 |
| J30J-31ZK-Q | 40 | 35 | 14 | 23.8 | 24 | 6.1 | 6.8 |
| J30J-37ZK-Q | 43.8 | 38.9 | 14 | 27.7 | 27.8 | 6.1 | 6.8 |
| J30J-51ZK-Q | 42.6 | 37.6 | 15.2 | 26.5 | 26.6 | 7.2 | 7.9 |
| J30J-66ZK-Q | 49.3 | 44 | 15.2 | 32.9 | 33 | 7.2 | 7.9 |
| J30J-74ZK-Q | 45.2 | 40.2 | 16.1 | 29 | 29.1 | 8.3 | 9.1 |
| J30J-100ZK-Q | 61.1 | 52.4 | 16.1 | 36.6 | 36.65 | 8.2 | 9.1 |

## J30J Crimp Extended Type \ J30J-TJ-Q8 & J30J-ZK-Q8

Shell flange length, width and mounting hole spacing increased relative to J30J-TJ/ZK.

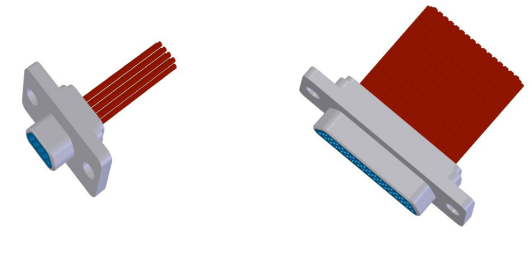
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51TJ-Q8

### · Receptacle

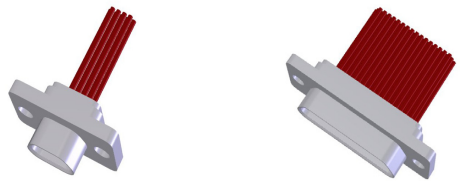
·J30J-9, 15, 21, 25, 31, 37, 51ZK-Q8

### 3D View



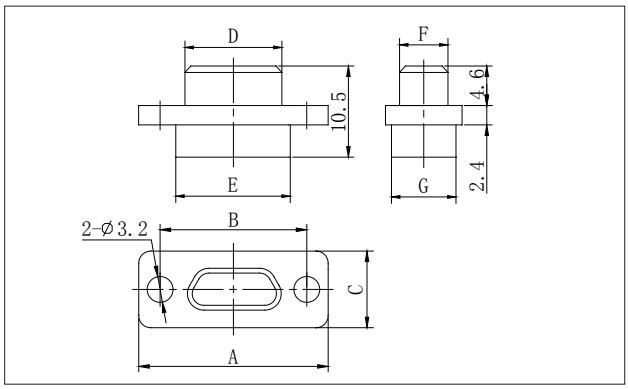
J30J-9TJ-Q8 J30J-51TJ-Q8

### 3D View



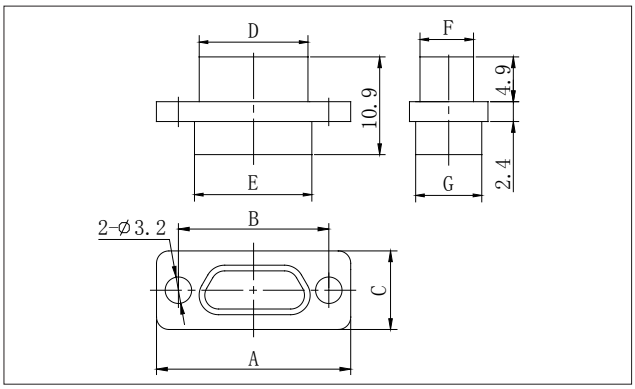
J30J-9ZK-Q8 J30J-51ZK-Q8

### Outline Dimensions




J30J-□TJ-Q8

### Outline Dimensions




J30J-□ZK-Q8

| How to Order | A | B | C | D | | E | F | | G |
|---|---|---|---|---|---|---|---|---|---|
| | | | | TJ-Q8 | ZK-Q8 | | TJ-Q8 | ZK-Q8 | |
| J30J-9TJ / ZK-Q8 | 21.4 | 16.1 | 11.6 | 8.3 | 9.8 | 11.7 | 4.7 | 6.1 | 6.8 |
| J30J-15TJ / ZK-Q8 | 25.3 | 20 | 11.6 | 12.3 | 13.7 | 15.6 | 4.7 | 6.1 | 6.8 |
| J30J-21TJ / ZK-Q8 | 29.2 | 23.8 | 11.6 | 16 | 17.4 | 19.4 | 4.7 | 6.1 | 6.8 |
| J30J-25TJ / ZK-Q8 | 31.6 | 26.3 | 11.6 | 18.6 | 20 | 22 | 4.7 | 6.1 | 6.8 |
| J30J-31TJ / ZK-Q8 | 35.4 | 30.1 | 11.6 | 22.4 | 23.8 | 25.8 | 4.7 | 6.1 | 6.8 |
| J30J-37TJ / ZK-Q8 | 39.2 | 34 | 11.6 | 26.3 | 27.7 | 29.6 | 4.7 | 6.1 | 6.8 |
| J30J-51TJ / ZK-Q8 | 38.2 | 32.6 | 12.6 | 25 | 26.5 | 28.4 | 5.8 | 7.2 | 7.9 |

## J30J Crimp Extended Type \ J30J-TJ (9.6) & J30J-ZK (9.6) & J30J-TJ (11.6) & J30J-ZK (11.6)

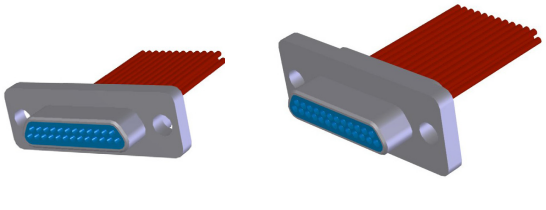
### · Plug

·J30J-9, 15, 21, 25, 31, 37TJ (9.6)
·J30J-9, 15, 21, 25, 31, 37TJ (11.6)

### · Receptacle

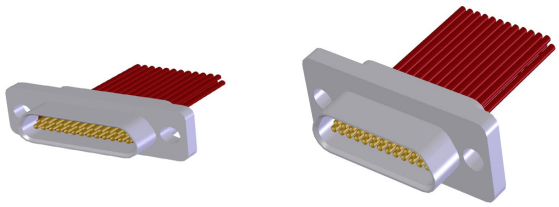
·J30J-9, 15, 21, 25, 31, 37ZK (9.6)
·J30J-9, 15, 21, 25, 31, 37ZK (11.6)

### 3D View



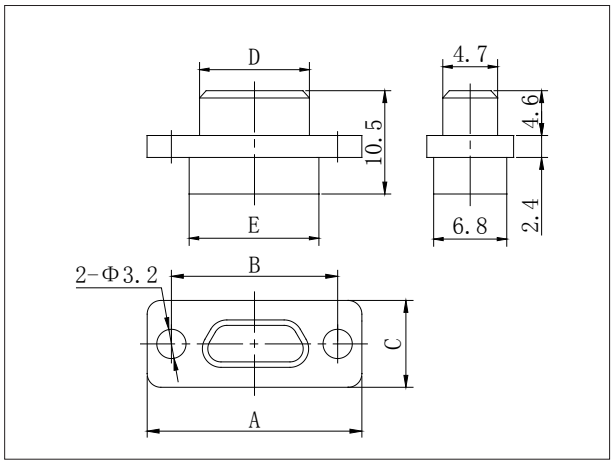
J30J-·· TJ (9.6)　　J30J-·· TJ (11.6)

### 3D View



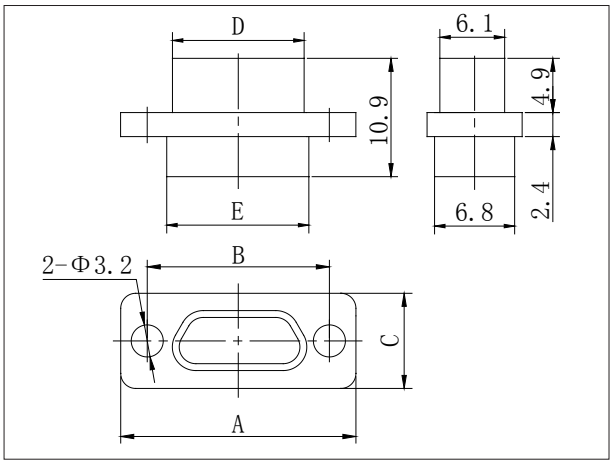
J30J-·· ZK (9.6)　　J30J-·· ZK (11.6)

### Outline Dimensions




J30J-TJ (9.6) / J30J-TJ (11.6)

### Outline Dimensions




J30J-ZK (9.6) / J30J-ZK (11.6)

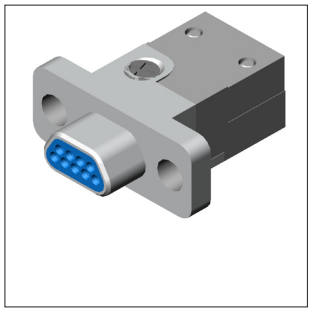
| How to Order | A | B | C | | D | | E |
|---|---|---|---|---|---|---|---|
| | | | TJ (9.6) ZK (9.6) | TJ (11.6) ZK (11.6) | TJ (9.6) TJ (11.6) | ZK (9.6) ZK (11.6) | |
| J30J-9TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 19.6 | 14.3 | 9.6 | 11.6 | 8.3 | 9.8 | 9.9 |
| J30J-15TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 23.5 | 18.2 | 9.6 | 11.6 | 12.3 | 13.7 | 13.8 |
| J30J-21TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 27.4 | 22 | 9.6 | 11.6 | 16 | 17.4 | 17.6 |
| J30J-25TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 29.8 | 24.5 | 9.6 | 11.6 | 18.6 | 20 | 20.2 |
| J30J-31TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 33.6 | 28.3 | 9.6 | 11.6 | 22.4 | 23.8 | 24 |
| J30J-37TJ (9.6) / TJ (11.6)/ ZK (9.6) / ZK (11.6) | 37.4 | 32.2 | 9.6 | 11.6 | 26.3 | 27.7 | 27.8 |

## J30J Crimp Extended Type \ J30J-TJ-A & J30J-ZK-A

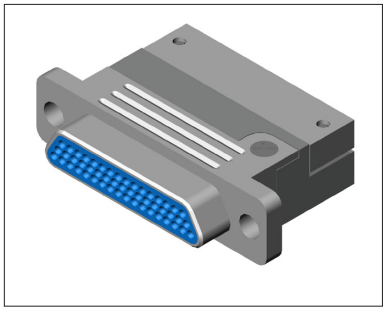
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-A

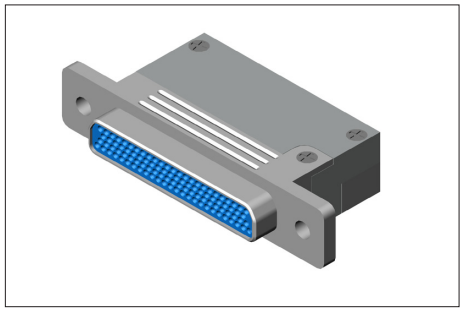
3D View



J30J-9TJ-A



J30J-51TJ-A

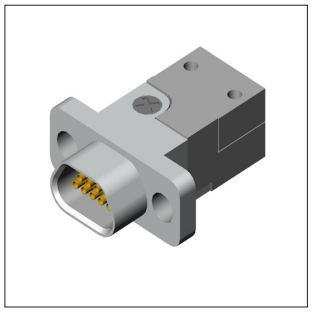


J30J-100TJ-A

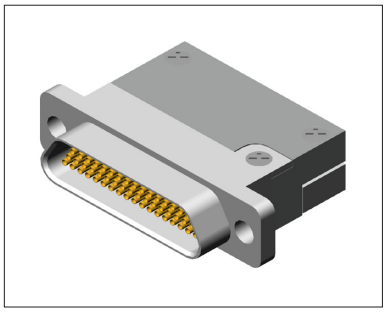
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-A

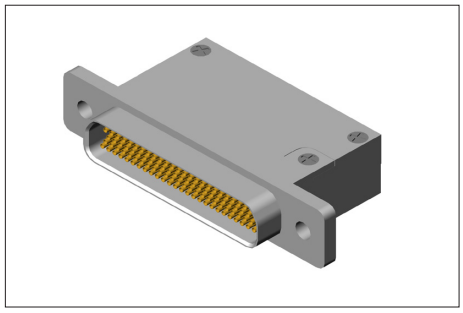
3D View



J30J-9ZK-A

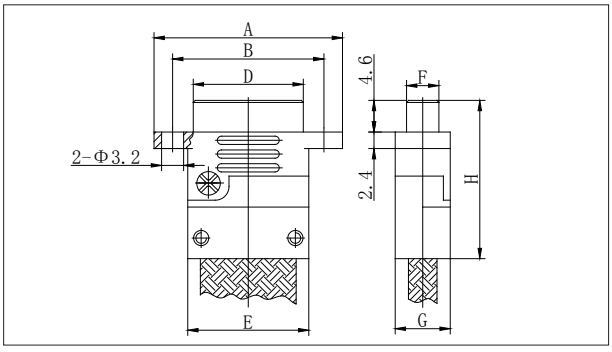


J30J-51ZK-A

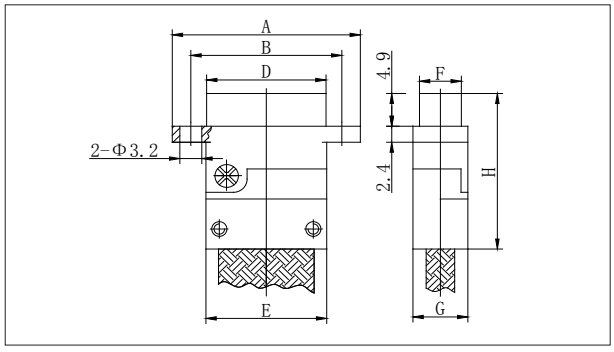


J30J-100ZK-A

Outline Dimensions




J30J-□TJ-A

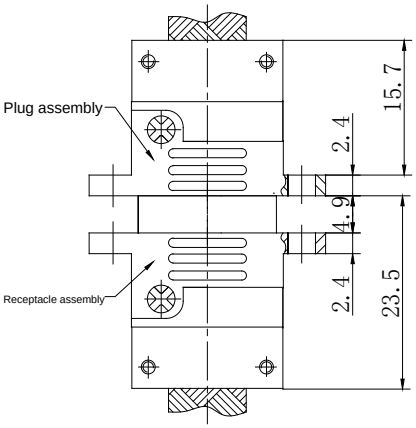



J30J-□ZK-A

## J30J Crimp Extended Type \ J30J-TJ-A & J30J-ZK-A

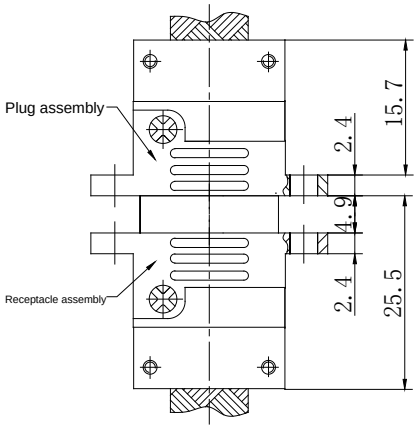
| How to Order | A | B | D | | E | F | | G | H | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TJ-A | ZK-A | | TJ-A | ZK-A | | TJ-A | ZK-A |
| J30J-9TJ / ZK-A | 19.6 | 14.3 | 8.3 | 9.8 | 9.9 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-15TJ / ZK-A | 23.5 | 18.2 | 12.3 | 13.7 | 13.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-21TJ / ZK-A | 27.4 | 22 | 16 | 17.4 | 17.6 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-25TJ / ZK-A | 29.8 | 24.5 | 18.6 | 20 | 20.2 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-31TJ / ZK-A | 33.6 | 28.3 | 22.4 | 23.8 | 24 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-37TJ / ZK-A | 37.4 | 32.2 | 26.3 | 27.7 | 27.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-51TJ / ZK-A | 36.4 | 30.86 | 25 | 26.5 | 26.6 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-66TJ / ZK-A | 42.9 | 37.3 | 31.4 | 32.9 | 33 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-74TJ / ZK-A | 38.8 | 33.5 | 27.5 | 29 | 29.1 | 6.8 | 8.3 | 11 | 25 | 25.5 |
| J30J-100TJ / ZK-A | 54.7 | 45.7 | 35 | 36.6 | 36.8 | 6.8 | 8.2 | 11 | 25 | 25.5 |

### Outline Dimensions (Mated)




J30J-9 to 66 way

### Outline Dimensions (Mated)



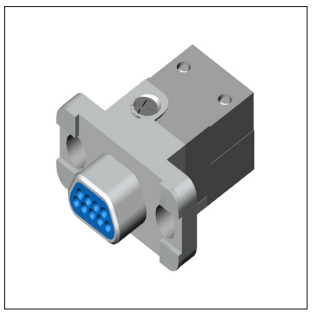

J30J-74 to 100 way

## J30J Crimp Extended Type \ J30J-TJ-AD & J30J-ZK-AD

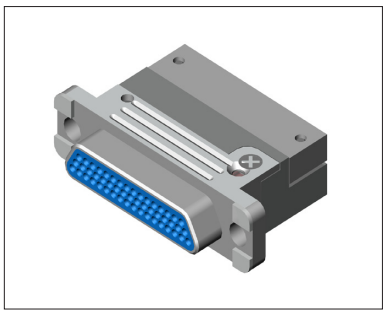
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-AD

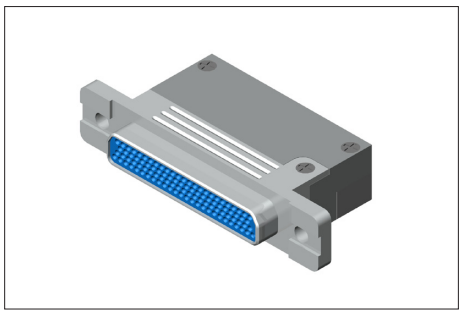
### 3D View



J30J-9TJ-AD



J30J-51TJ-AD

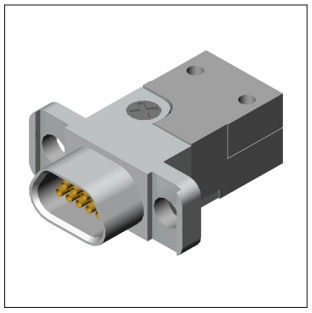


J30J-100TJ-AD

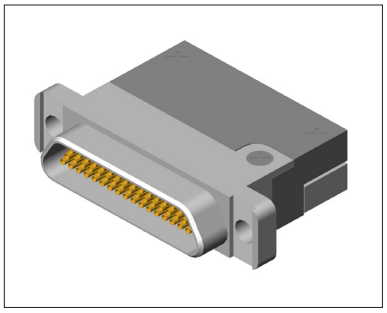
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-AD

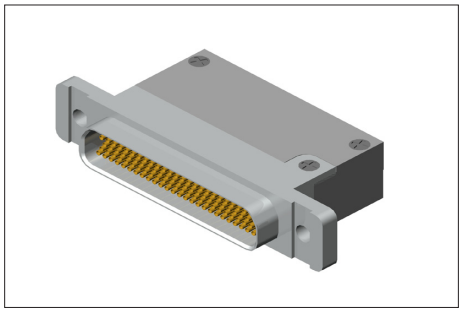
### 3D View



J30J-9ZK-AD

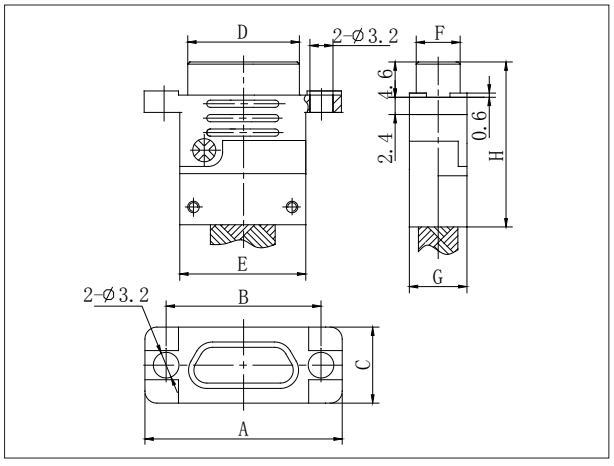


J30J-51ZK-AD

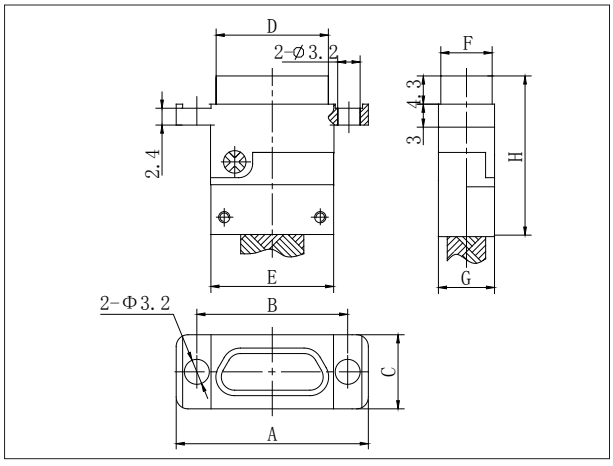


J30J-100ZK-AD

### Outline Dimensions




J30J-□TJ-AD




J30J-□ZK-AD

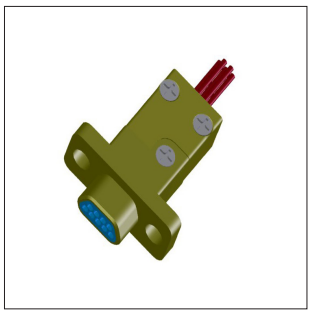
| How to Order | A | B | D | | E | F | | G | H | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TJ-AD | ZK-AD | | TJ-AD | ZK-AD | | TJ-AD | ZK-AD |
| J30J-9TJ / ZK-AD | 19.6 | 14.3 | 8.3 | 9.8 | 9.9 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-15TJ / ZK-AD | 23.5 | 18.2 | 12.3 | 13.7 | 13.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-21TJ / ZK-AD | 27.4 | 22 | 16 | 17.4 | 17.6 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-25TJ / ZK-AD | 29.8 | 24.5 | 18.6 | 20 | 20.2 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-31TJ / ZK-AD | 33.6 | 28.3 | 22.4 | 23.8 | 24 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-37TJ / ZK-AD | 37.4 | 32.2 | 26.3 | 27.7 | 27.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-51TJ / ZK-AD | 36.4 | 30.86 | 25 | 26.5 | 26.6 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-66TJ / ZK-AD | 42.9 | 37.3 | 31.4 | 32.9 | 33 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-74TJ / ZK-AD | 38.8 | 33.5 | 27.5 | 29 | 29.1 | 6.8 | 8.3 | 11 | 25 | 25.5 |
| J30J-100TJ / ZK-AD | 54.7 | 45.7 | 35 | 36.6 | 36.8 | 6.8 | 8.2 | 11 | 25 | 25.5 |

## J30J Crimp Extended Type \ J30J-TJ-GA & J30J-ZK-GA

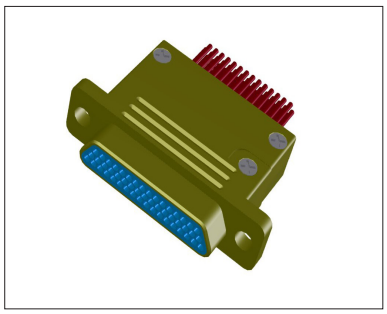
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-GA

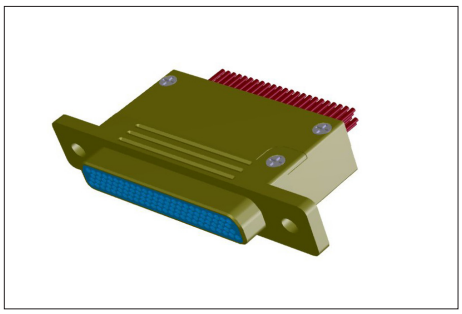
### 3D View



J30J-9TJ-GA



J30J-51TJ-GA

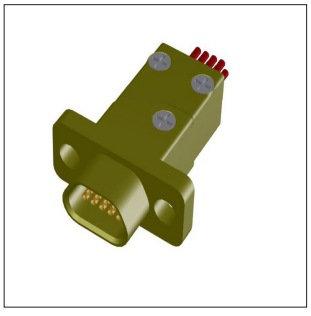


J30J-100TJ-GA

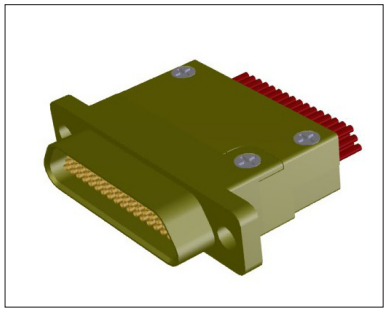
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-GA

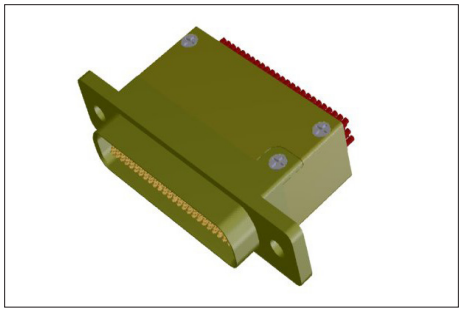
### 3D View



J30J-9ZK-GA

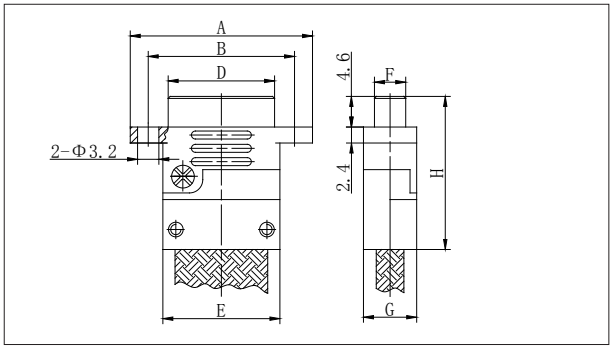


J30J-51ZK-GA



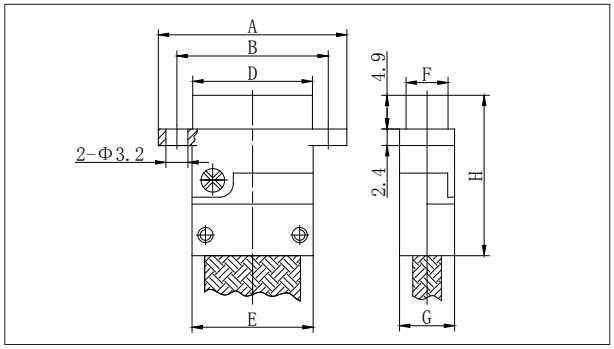
J30J-100ZK-GA

## Outline Dimensions




J30J-9~100TJ-GA

## Outline Dimensions




J30J-9~100ZK-GA

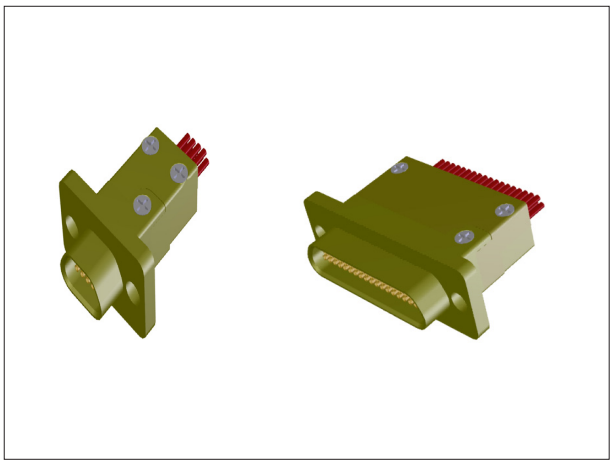
| How to Order | A | B | D | | E | F | | G | H | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TJ-GA | ZK-GA | | TJ-GA | ZK-GA | | TJ-GA | ZK-GA |
| J30J-9TJ / ZK-GA | 19.6 | 14.3 | 8.3 | 9.8 | 9.9 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-15TJ / ZK-GA | 23.5 | 18.2 | 12.3 | 13.7 | 13.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-21TJ / ZK-GA | 27.4 | 22 | 16 | 17.4 | 17.6 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-25TJ / ZK-GA | 29.8 | 24.5 | 18.6 | 20 | 20.2 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-31TJ / ZK-GA | 33.6 | 28.3 | 22.4 | 23.8 | 24 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-37TJ / ZK-GA | 37.4 | 32.2 | 26.3 | 27.7 | 27.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-51TJ / ZK-GA | 36.4 | 30.86 | 25 | 26.5 | 26.6 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-66TJ / ZK-GA | 42.9 | 37.3 | 31.4 | 32.9 | 33 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-74TJ / ZK-GA | 38.8 | 33.5 | 27.5 | 29 | 29.1 | 6.8 | 8.3 | 11 | 25 | 25.5 |
| J30J-100TJ / ZK-GA | 54.7 | 45.7 | 35 | 36.6 | 36.8 | 6.8 | 8.2 | 11 | 25 | 25.5 |

## J30J Crimp Extended Type \ J30J-ZK-GA (11.6)

### · Receptacle assembly

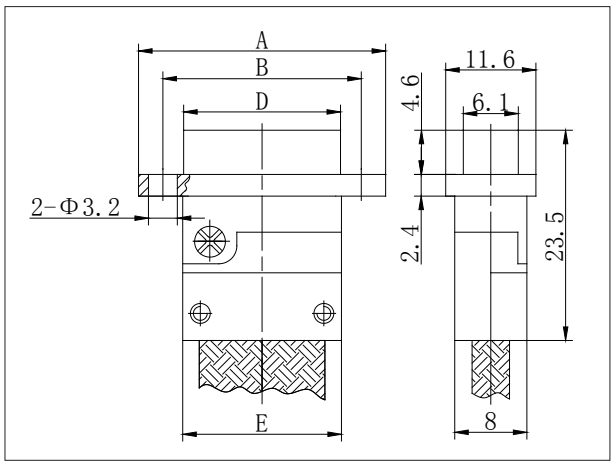
·J30J-9, 15, 21, 25, 31, 37ZK-GA (11.6)

## 3D View



J30J-9ZK-GA(11.6)　　J30J-37ZK-GA(11.6)

## Outline Dimensions




J30J-9 to 37 ZK-GA (11.6)

| How to Order | A | B | D | E |
|---|---|---|---|---|
| J30J-9ZK-GA (11.6) | 19.6 | 14.3 | 9.8 | 9.9 |
| J30J-15ZK-GA (11.6) | 23.5 | 18.2 | 13.7 | 13.8 |
| J30J-21ZK-GA (11.6) | 27.4 | 22 | 17.4 | 17.6 |
| J30J-25ZK-GA (11.6) | 29.8 | 24.5 | 20 | 20.2 |
| J30J-31ZK-GA (11.6) | 33.6 | 28.3 | 23.8 | 24 |
| J30J-37ZK-GA (11.6) | 37.4 | 32.2 | 27.7 | 27.8 |

## J30J Crimp Extended Type \ J30J-TJ-GQ & J30J-ZK-GQ

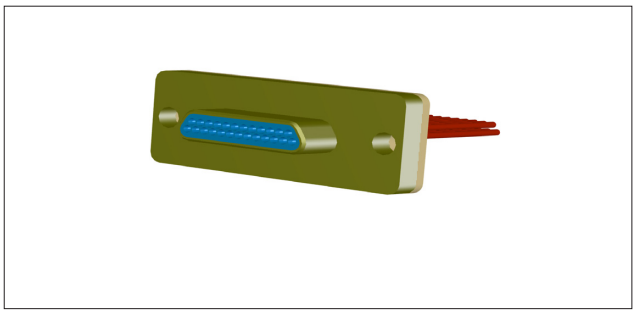
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-GQ

### · Receptacle

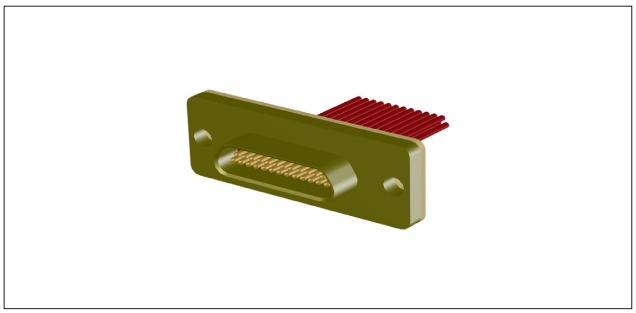
·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-GQ

3D View



J30J-□TJ-GQ

3D View



J30J-□ZK-GQ

Note: this product differs in colour from J30J-TJ/ZK-Q products because of the different shell plating; its flange-face sealing gasket material is conductive rubber (J30J-TJ/ZK-Q uses silicone rubber). The outline dimensions and mounting plate hole dimensions are the same as those of the J30J-TJ/ZK-Q product of the corresponding contact count.

## J30J Crimp Extended Type \ J30J-TJ (0.07) & J30J-ZK (0.07)

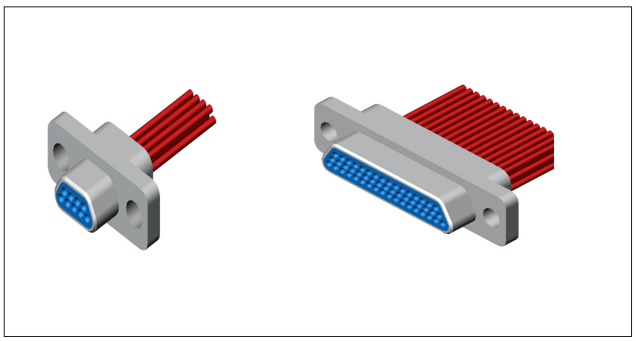
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ (0.07)

### · Receptacle

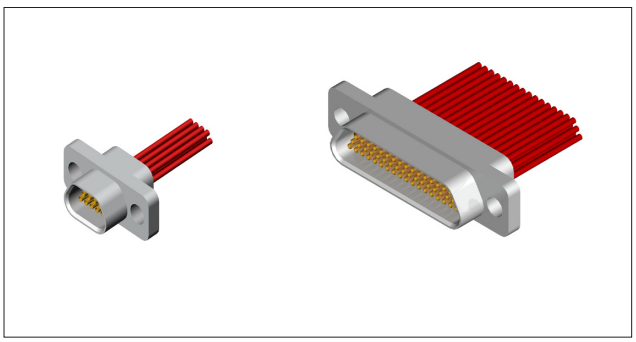
·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK (0.07)

3D View



J30J-9TJ (0.07)　　J30J-51TJ (0.07)

3D View



J30J-9ZK (0.07)　　J30J-51ZK (0.07)

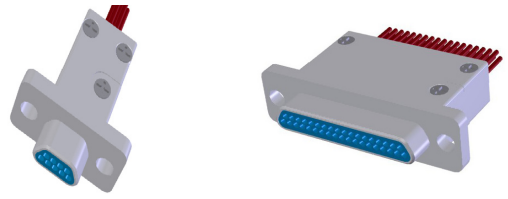
Note: the outline dimensions are the same as J30J-TJ/ZK basic type products; the only difference is that the conductor cross-section of the wire crimped to the contacts is 0.07 mm 2.

## J30J Crimp Extended Type \ J30J-TJ-A (9.6) & J30J-ZK-A (9.6)

### · Plug

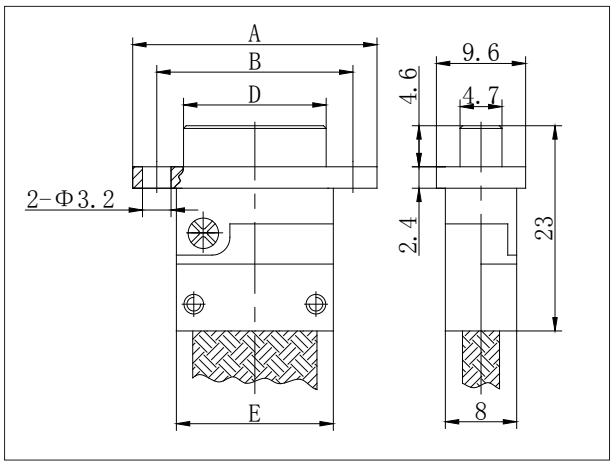
· J30J-9, 15, 21, 25, 31, 37TJ-A (9.6)

### 3D View



J30J-9TJ-A (9.6)　　J30J-37TJ-A (9.6)

### Outline Dimensions

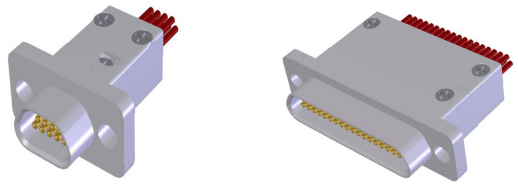



J30J-9 to 37 TJ-A (9.6)

### · Receptacle

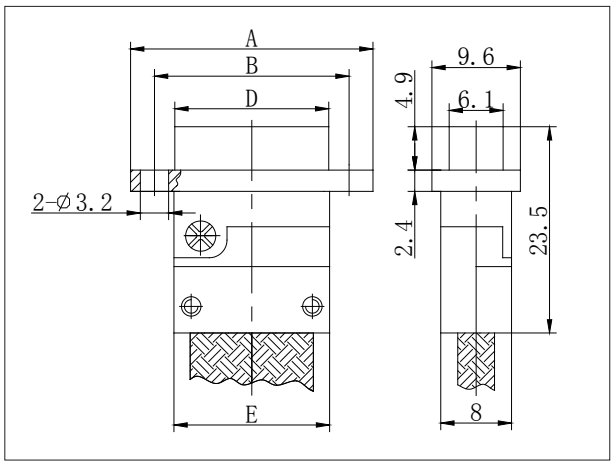
·J30J-9, 15, 21, 25, 31, 37ZK-A (9.6)

### 3D View



J30J-9ZK-A (9.6)　　J30J-37ZK-A (9.6)

### Outline Dimensions




J30J-9 to 37 ZK-A (9.6)

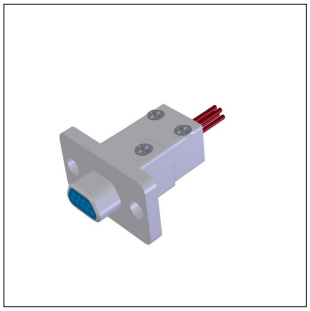
| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| | | | TJ-A (9.6) | ZK-A (9.6) | |
| J30J-9 TJ/ZK-A (9.6) | 19.6 | 14.3 | 8.3 | 9.8 | 9.9 |
| J30J-15 TJ/ZK-A (9.6) | 23.5 | 18.2 | 12.3 | 13.7 | 13.8 |
| J30J-21 TJ/ZK-A (9.6) | 27.4 | 22 | 16 | 17.4 | 17.6 |
| J30J-25 TJ/ZK-A (9.6) | 29.8 | 24.5 | 18.6 | 20 | 20.2 |
| J30J-31 TJ/ZK-A (9.6) | 33.6 | 28.3 | 22.4 | 23.8 | 24 |
| J30J-37 TJ/ZK-A (9.6) | 37.4 | 32.2 | 26.3 | 27.7 | 27.8 |

## J30J Crimp Extended Type \ J30J-TJ-AQ8 & J30J-ZK-AQ8

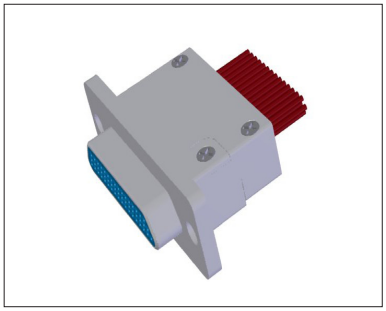
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 74, 100TJ-AQ8

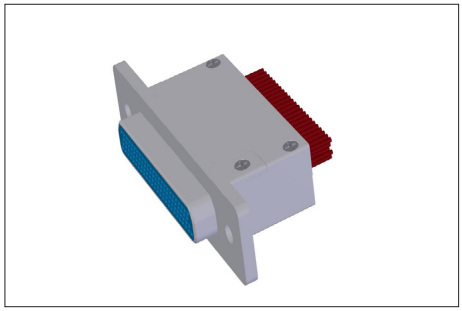
#### 3D View



J30J-9TJ-AQ8



J30J-51TJ-AQ8

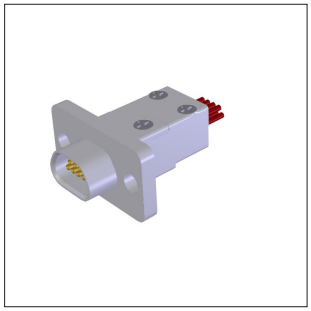


J30J-100TJ-AQ8

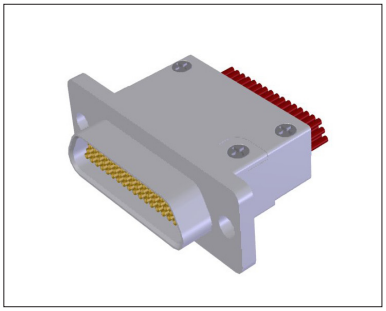
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 74, 100ZK-AQ8

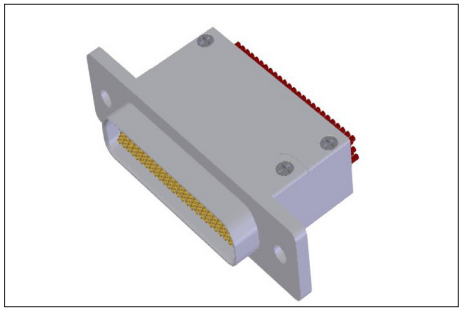
#### 3D View



J30J-9ZK-AQ8

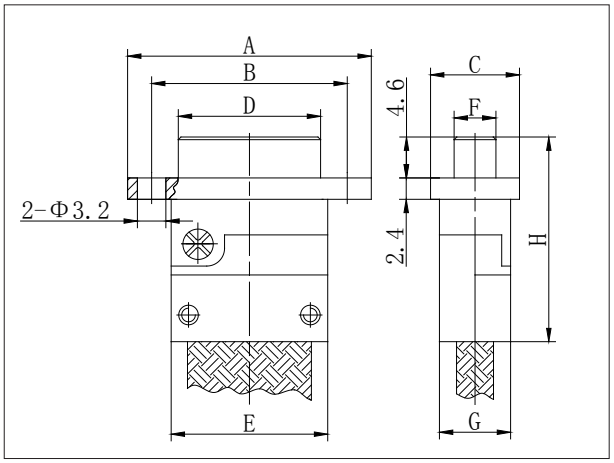


J30J-51ZK-AQ8



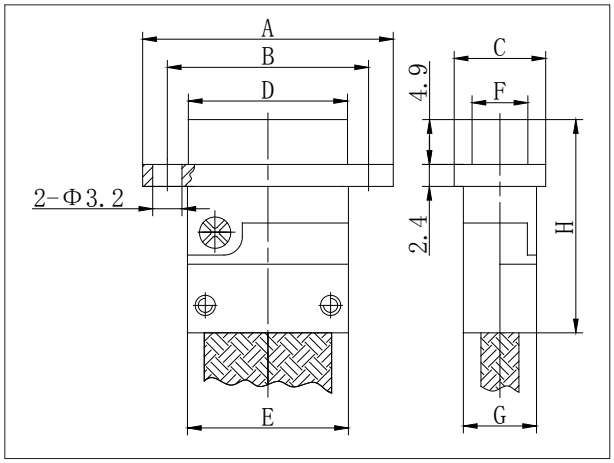
J30J-100ZK-AQ8

#### Outline Dimensions




J30J-9~100TJ-AQ8

#### Outline Dimensions




J30J-9~100ZK-AQ8

## J30J Crimp Extended Type \ J30J-TJ-AQ8 & J30J-ZK-AQ8

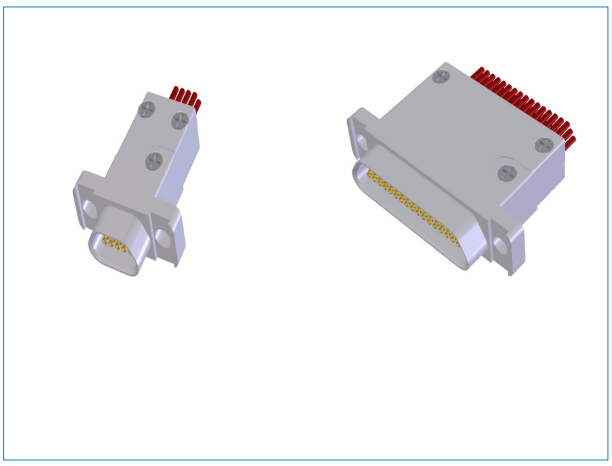
| How to Order | A | B | C | D | | E | F | | G | H | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TJ-AQ8 | ZK-AQ8 | | TJ-AQ8 | ZK-AQ8 | | TJ-AQ8 | ZK-AQ8 |
| J30J-9TJ / ZK-AQ8 | 21.4 | 16.1 | 11.6 | 8.3 | 9.8 | 9.9 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-15TJ / ZK-AQ8 | 25.3 | 20 | 11.6 | 12.3 | 13.7 | 13.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-21TJ / ZK-AQ8 | 29.2 | 23.8 | 11.6 | 16 | 17.4 | 17.6 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-25TJ / ZK-AQ8 | 31.6 | 26.3 | 11.6 | 18.6 | 20 | 20.2 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-31TJ / ZK-AQ8 | 35.4 | 30.1 | 11.6 | 22.4 | 23.8 | 24 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-37TJ / ZK-AQ8 | 39.2 | 34 | 11.6 | 26.3 | 27.7 | 27.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-51TJ / ZK-AQ8 | 38.2 | 32.6 | 12.6 | 25 | 26.5 | 26.6 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-74TJ / ZK-AQ8 | 40.6 | 37.1 | 13.8 | 27.5 | 29 | 29.1 | 6.8 | 8.3 | 11 | 25 | 25.5 |
| J30J-100TJ / ZK-AQ8 | 56.5 | 49.3 | 13.8 | 35 | 36.6 | 36.8 | 6.8 | 8.2 | 11 | 25 | 25.5 |

## J30J Crimp Extended Type \ J30J-ZK-AD (11.6)

### · Receptacle

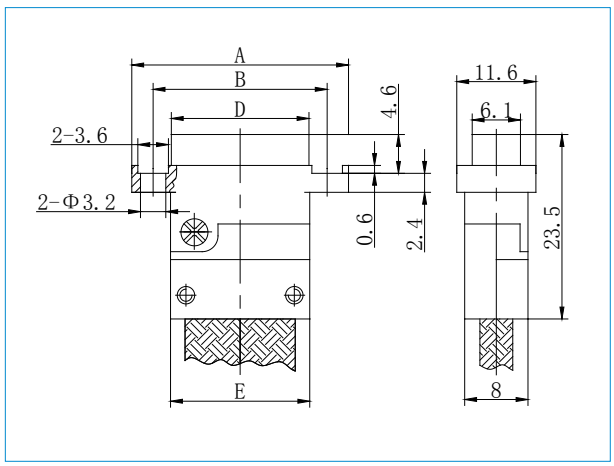
·J30J-9, 15, 21, 25, 31, 37ZK-AD (11.6)

3D View



J30J-9ZK-AD(11.6)　　J30J-37ZK-AD(11.6)

3D View




J30J-9~37ZK-AD(11.6)

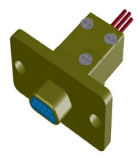
| How to Order | A | B | D | E |
|---|---|---|---|---|
| J30J-9ZK-AD (11.6) | 19.6 | 14.3 | 9.8 | 9.9 |
| J30J-15ZK-AD (11.6) | 23.5 | 18.2 | 13.7 | 13.8 |
| J30J-21ZK-AD (11.6) | 27.4 | 22 | 17.4 | 17.6 |
| J30J-25 ZK-AD (11.6) | 29.8 | 24.5 | 20 | 20.2 |
| J30J-31ZK-AD (11.6) | 33.6 | 28.3 | 23.8 | 24 |
| J30J-37 ZK-AD (11.6) | 37.4 | 32.2 | 27.7 | 27.8 |

## J30J Crimp Extended Type \ J30J-TJ-GAQ & J30J-ZK-GAQ

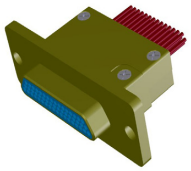
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ-GAQ

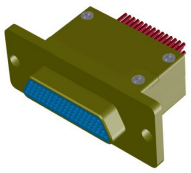
#### 3D View



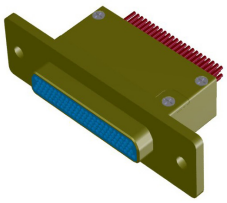
J30J-9TJ-GAQ



J30J-51TJ-GAQ



J30J-74TJ-GAQ

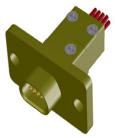


J30J-100TJ-GAQ

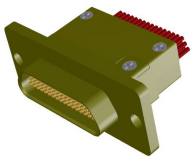
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK-GAQ

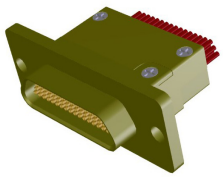
#### 3D View



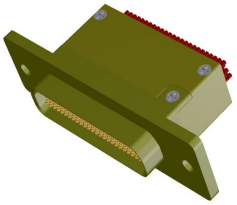
J30J-9ZK-GAQ



J30J-51ZK-GAQ

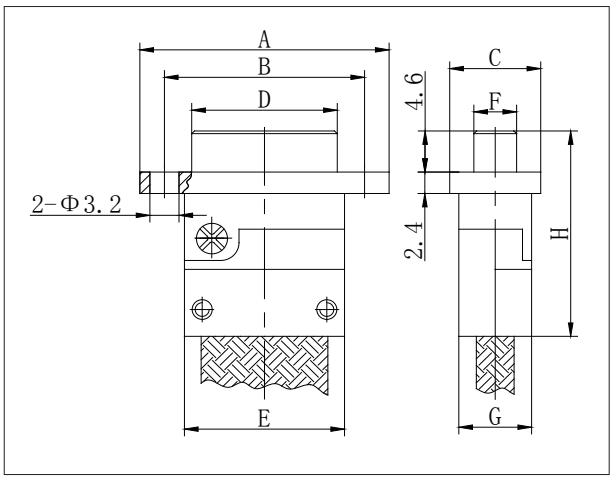


J30J-74ZK-GAQ



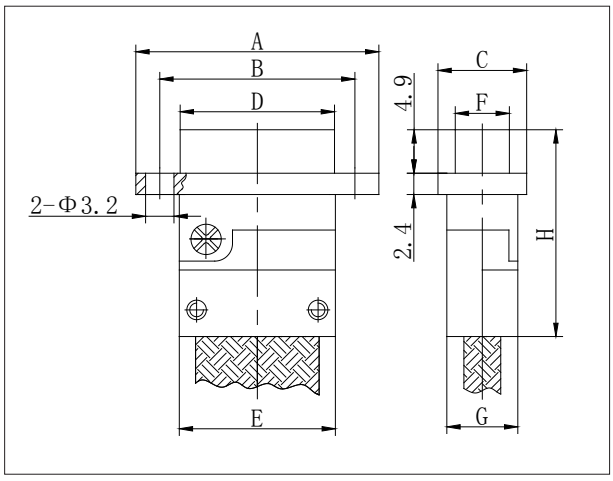
J30J-100ZK-GAQ

#### Outline Dimensions




J30J-9~100TJ-GAQ

#### Outline Dimensions




J30J-9~100ZK-GAQ

| How to Order | A | B | C | D | | E | F | | G | H | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TJ-GAQ | ZK-GAQ | | TJ-GAQ | ZK-GAQ | | TJ-GAQ | ZK-GAQ |
| J30J-9TJ / ZK-GAQ | 26 | 21 | 14 | 8.3 | 9.8 | 9.9 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-15TJ / ZK-GAQ | 29.9 | 24.9 | 14 | 12.3 | 13.7 | 13.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-21TJ / ZK-GAQ | 33.8 | 28.7 | 14 | 16 | 17.4 | 17.6 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-25TJ / ZK-GAQ | 36.2 | 31.2 | 14 | 18.6 | 20 | 20.2 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-31TJ / ZK-GAQ | 40 | 35 | 14 | 22.4 | 23.8 | 24 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-37TJ / ZK-GAQ | 43.8 | 38.9 | 14 | 26.3 | 27.7 | 27.8 | 4.7 | 6.1 | 8 | 23 | 23.5 |
| J30J-51TJ / ZK-GAQ | 42.6 | 37.6 | 15.2 | 25 | 26.5 | 26.6 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-66TJ / ZK-GAQ | 49.3 | 44 | 15.2 | 31.4 | 32.9 | 33 | 5.8 | 7.2 | 9 | 23 | 23.5 |
| J30J-74TJ / ZK-GAQ | 45.2 | 40.2 | 16.1 | 27.5 | 29 | 29.1 | 6.8 | 8.3 | 11 | 25 | 25.5 |
| J30J-100TJ / ZK-GAQ | 61.1 | 52.4 | 16.1 | 35 | 36.6 | 36.8 | 6.8 | 8.2 | 11 | 25 | 25.5 |

## J30J PCB-Mount Basic Type \ J30J Straight PCB N type

Contact tails connect to the PCB by straight mounting; grid size 2.54 x 2.54.

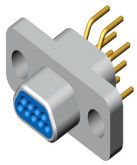
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66TJN

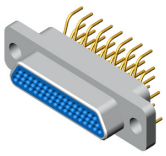
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66ZKN

### 3D View

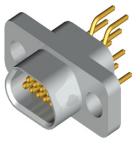


J30J-9TJN

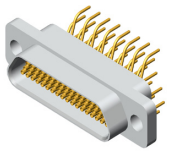


J30J-51TJN

### 3D View

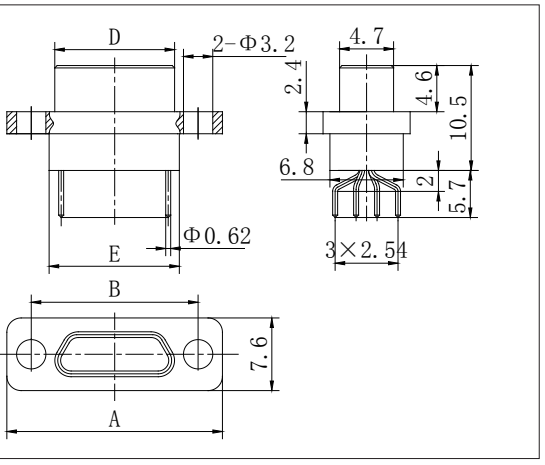


J30J-9ZKN



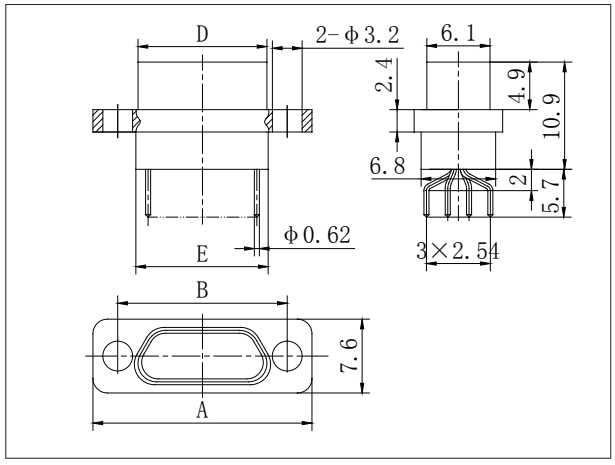
J30J-51ZKN

### Outline Dimensions



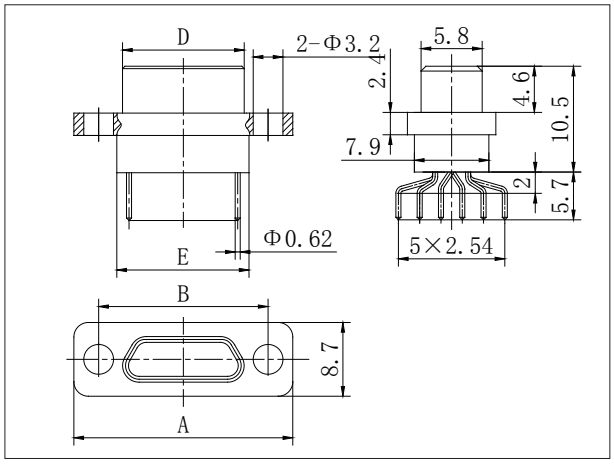

J30J-9~37TJN

### Outline Dimensions



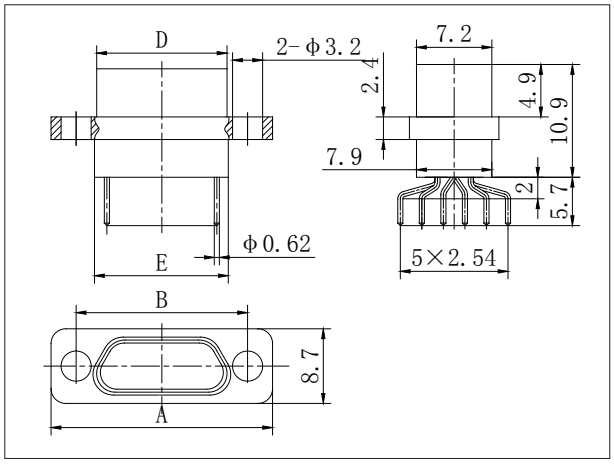

J30J-9~37ZKN

## Outline Dimensions




J30J-51, 66TJN

## Outline Dimensions




J30J-51, 66ZKN

| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| J30J-9TJN / ZKN | 19.6 | 14.3 | 8.3 (TJN) | 9.8 (ZKN) | 9.9 |
| J30J-15TJN / ZKN | 23.5 | 18.2 | 12.3 (TJN) | 13.7 (ZKN) | 13.8 |
| J30J-21TJN / ZKN | 27.4 | 22 | 16 (TJN) | 17.4 (ZKN) | 17.6 |
| J30J-25TJN / ZKN | 29.8 | 24.5 | 18.6 (TJN) | 20 (ZKN) | 20.2 |
| J30J-31TJN / ZKN | 33.6 | 28.3 | 22.4 (TJN) | 23.8 (ZKN) | 24 |
| J30J-37TJN / ZKN | 37.4 | 32.2 | 26.3 (TJN) | 27.7 (ZKN) | 27.8 |
| J30J-51TJN / ZKN | 36.4 | 30.86 | 25 (TJN) | 26.5 (ZKN) | 26.6 |
| J30J-66TJN / ZKN | 42.9 | 37.3 | 31.4 (TJN) | 32.9 (ZKN) | 33 |

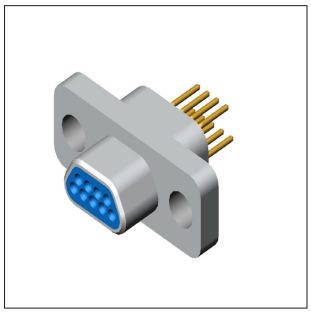
## J30J PCB-Mount Basic Type \ J30J Straight PCB N-J type

Contact tails connect to the PCB by straight mounting; grid size 1.27 x 2.54 (columns x rows).

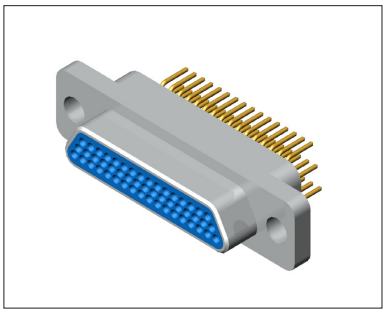
### · Plug

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJN-J

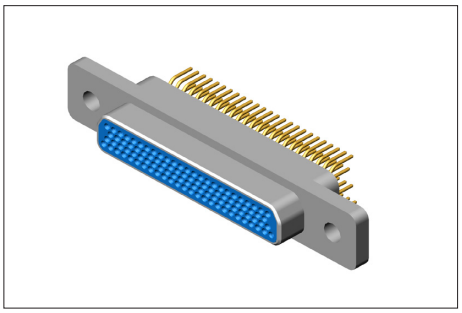
#### 3D View



J30J-9TJN-J



J30J-51TJN-J

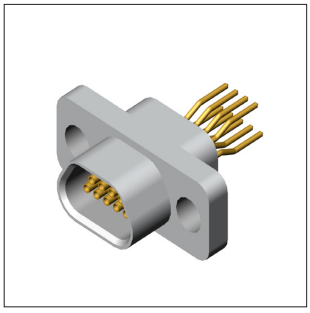


J30J-100TJN-J

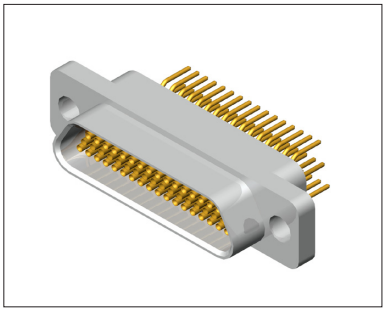
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZKN-J

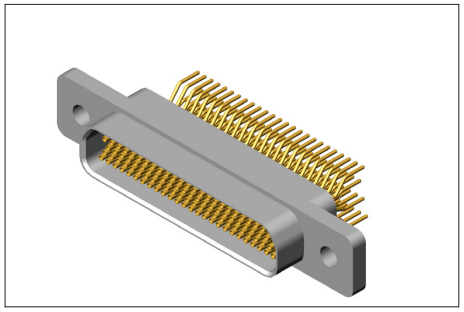
#### 3D View



J30J-9ZKN-J

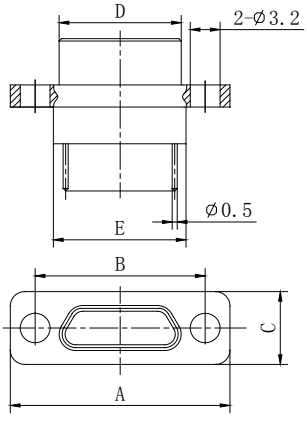


J30J-51ZKN-J

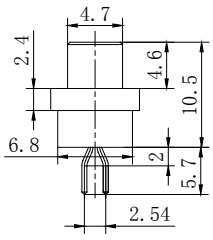


J30J-100ZKN-J

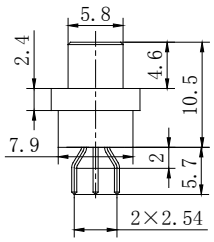
#### Outline Dimensions



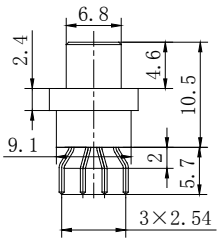

J30J-9~100TJN-J




J30J-9~37TJN-J



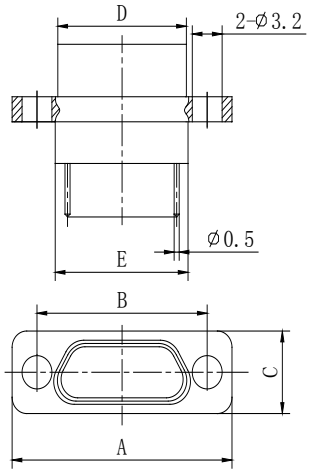

J30J-51, 66TJN-J



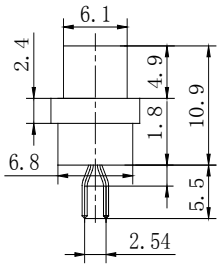

J30J-74, 100TJN-J

Left view of plug assembly, all contact counts

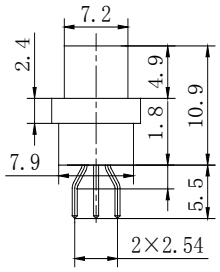
## Outline Dimensions



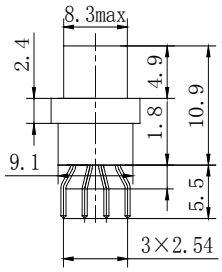

J30J-9 to 100 ZKN-J




J30J-9~37ZKN-J




J30J-51, 66ZKN-J




J30J-74, 100ZKN-J

Left view of plug assembly, all contact counts

| How to Order | A | B | C | D | | E |
|---|---|---|---|---|---|---|
| J30J-9TJN/ZKN-J | 19.6 | 14.3 | 7.6 | 8.3 (TJN-J) | 9.8 (ZKN-J) | 9.9 |
| J30J-15TJN/ZKN-J | 23.5 | 18.2 | 7.6 | 12.3 (TJN-J) | 13.7 (ZKN-J) | 13.8 |
| J30J-21TJN/ZKN-J | 27.4 | 22 | 7.6 | 16 (TJN-J) | 17.4 (ZKN-J) | 17.6 |
| J30J-25TJN/ZKN-J | 29.8 | 24.5 | 7.6 | 18.6 (TJN-J) | 20 (ZKN-J) | 20.2 |
| J30J-31TJN/ZKN-J | 33.6 | 28.3 | 7.6 | 22.4 (TJN-J) | 23.8 (ZKN-J) | 24 |
| J30J-37TJN/ZKN-J | 37.4 | 32.2 | 7.6 | 26.3 (TJN-J) | 27.7 (ZKN-J) | 27.8 |
| J30J-51TJN/ZKN-J | 36.4 | 30.86 | 8.7 | 25 (TJN-J) | 26.5 (ZKN-J) | 26.6 |
| J30J-66TJN/ZKN-J | 42.9 | 37.3 | 8.7 | 31.4 (TJN-J) | 32.9 (ZKN-J) | 33 |
| J30J-74TJN/ZKN-J | 38.8 | 33.5 | 9.7 | 27.5 (TJN-J) | 29 (ZKN-J) | 29.1 |
| J30J-100TJN/ZKN-J | 54.7 | 45.7 | 9.7 | 35 (TJN-J) | 36.6 (ZKN-J) | 36.6 |

## J30J PCB-Mount Basic Type \ J30J Right-angle PCB W type

Contact tails connect to the PCB by right-angle mounting; grid size 2.54 x 2.54.

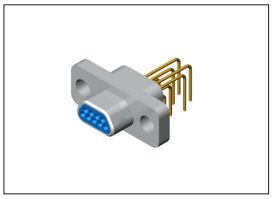
· Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66TJW

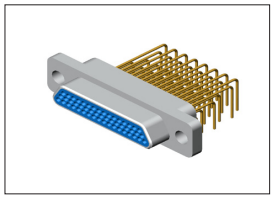
· Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66ZKW

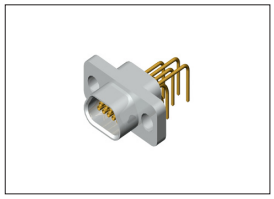
### 3D View



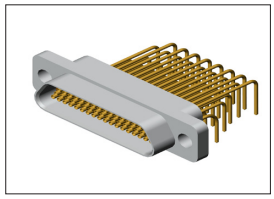
J30J-9TJW



J30J-51TJW

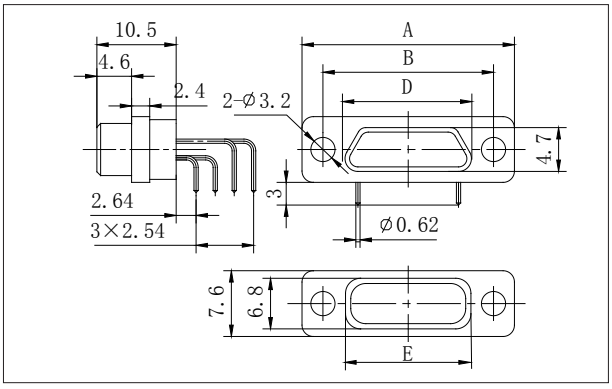


J30J-9ZKW



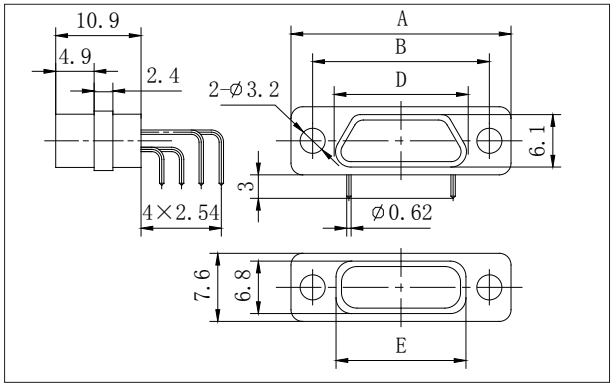
J30J-51ZKW

### Outline Dimensions

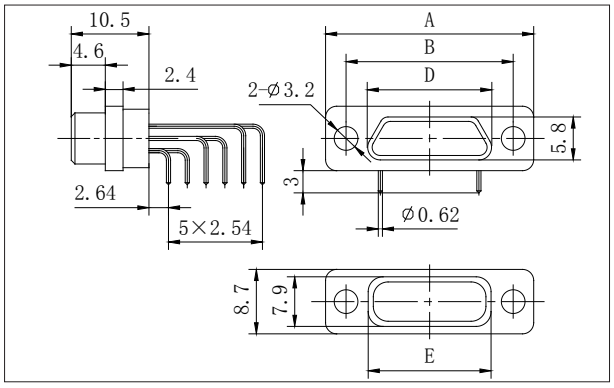



J30J-9~37TJW

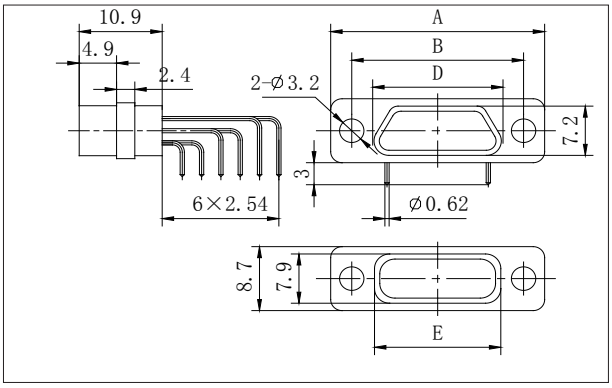
### Outline Dimensions




J30J-9~37ZKW




J30J-51, 66TJW




J30J-51, 66ZKW

| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| J30J-9TJW/ZKW | 19.6 | 14.3 | 8.3 (TJW) | 9.8 (ZKW) | 9.9 |
| J30J-15TJW/ZKW | 23.5 | 18.2 | 12.3 (TJW) | 13.7 (ZKW) | 13.8 |
| J30J-21TJW/ZKW | 27.4 | 22 | 16 (TJW) | 17.4 (ZKW) | 17.6 |
| J30J-25TJW/ZKW | 29.8 | 24.5 | 18.6 (TJW) | 20 (ZKW) | 20.2 |
| J30J-31TJW/ZKW | 33.6 | 28.3 | 22.4 (TJW) | 23.8 (ZKW) | 24 |
| J30J-37TJW/ZKW | 37.4 | 32.2 | 26.3 (TJW) | 27.7 (ZKW) | 27.8 |
| J30J-51TJW/ZKW | 36.4 | 30.86 | 25 (TJW) | 26.5 (ZKW) | 26.6 |
| J30J-66TJW/ZKW | 42.9 | 37.3 | 31.4 (TJW) | 32.9 (ZKW) | 33 |

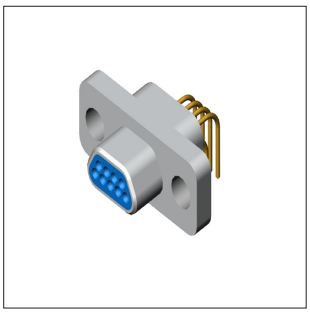
## J30J PCB-Mount Basic Type \ J30J Right-angle PCB W-J type

Contact tails connect to the PCB by right-angle mounting; grid size 1.27 x 2.54 (columns x rows).

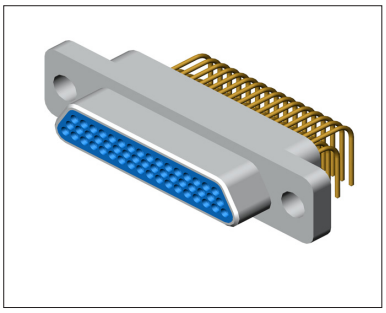
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJW-J

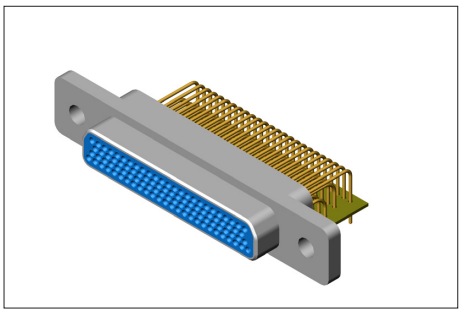
#### 3D View



J30J-9TJW-J



J30J-51TJW-J

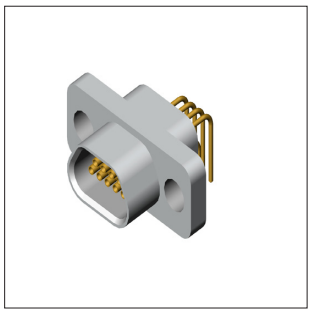


J30J-100TJW-J

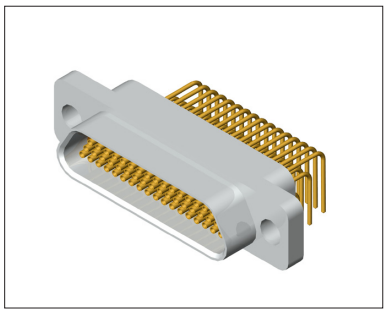
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZKW-J

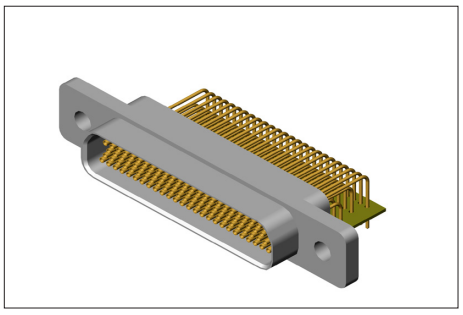
#### 3D View



J30J-9ZKW-J

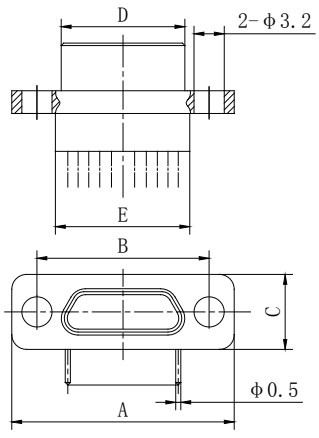


J30J-51ZKW-J

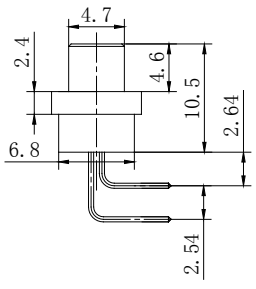


J30J-100ZKW-J

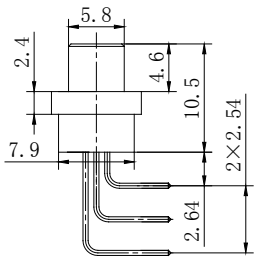
#### Outline Dimensions



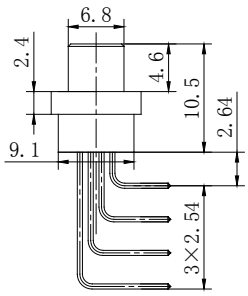

J30J-9~100TJW-J




J30J-9~37TJW-J

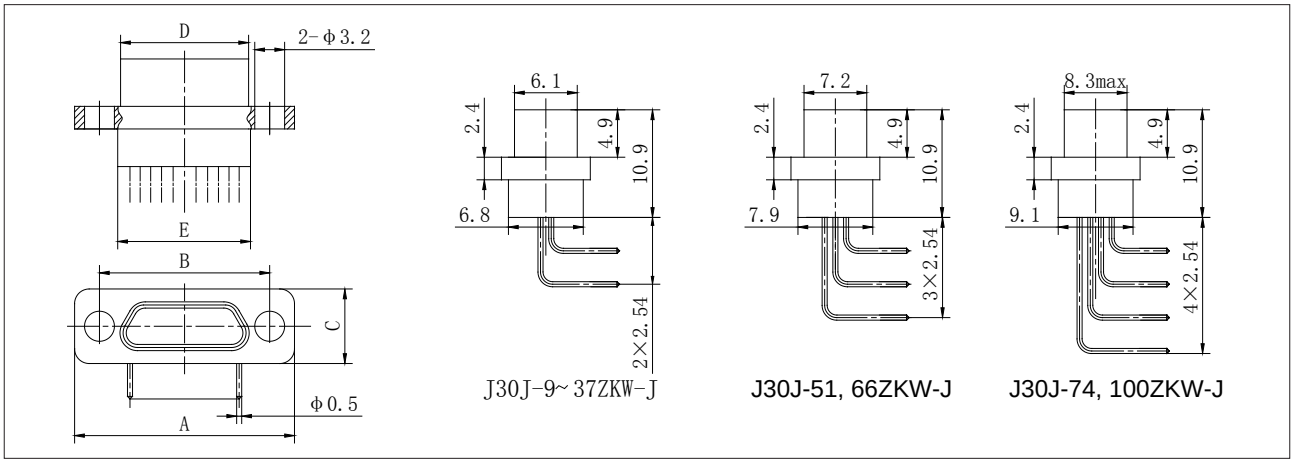



J30J-51, 66TJW-J




J30J-74, 100TJW-J

Left view of plug assembly, all contact counts




J30J-9~37ZKW-J　　J30J-51, 66ZKW-J　　J30J-74, 100ZKW-J

J30J-9~100ZKW-J　　Left view of plug assembly, all contact counts

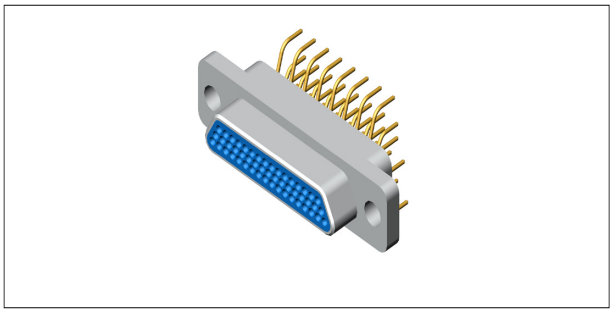
| How to Order | A | B | C | D | | E |
|---|---|---|---|---|---|---|
| J30J-9TJW/ZKW-J | 19.6 | 14.3 | 7.6 | 8.3 (TJW-J) | 9.8 (ZKW-J) | 9.9 |
| J30J-15TJW/ZKW-J | 23.5 | 18.2 | 7.6 | 12.3 (TJW-J) | 13.7 (ZKW-J) | 13.8 |
| J30J-21TJW/ZKW-J | 27.4 | 22 | 7.6 | 16 (TJW-J) | 17.4 (ZKW-J) | 17.6 |
| J30J-25TJW/ZKW-J | 29.8 | 24.5 | 7.6 | 18.6 (TJW-J) | 20 (ZKW-J) | 20.2 |
| J30J-31TJW/ZKW-J | 33.6 | 28.3 | 7.6 | 22.4 (TJW-J) | 23.8 (ZKW-J) | 24 |
| J30J-37TJW/ZKW-J | 37.4 | 32.2 | 7.6 | 26.3 (TJW-J) | 27.7 (ZKW-J) | 27.8 |
| J30J-51TJW/ZKW-J | 36.4 | 30.86 | 8.7 | 25 (TJW-J) | 26.5 (ZKW-J) | 26.6 |
| J30J-66TJW/ZKW-J | 42.9 | 37.3 | 8.7 | 31.4 (TJW-J) | 32.9 (ZKW-J) | 33 |
| J30J-74TJW/ZKW-J | 38.8 | 33.5 | 9.7 | 27.5 (TJW-J) | 29 (ZKW-J) | 29.1 |
| J30J-100TJW/ZKW-J | 54.7 | 45.7 | 9.7 | 35 (TJW-J) | 36.6 (ZKW-J) | 36.6 |

## J30J Straight PCB Extended Type \ J30J-TJN4 & J30J-TJN8

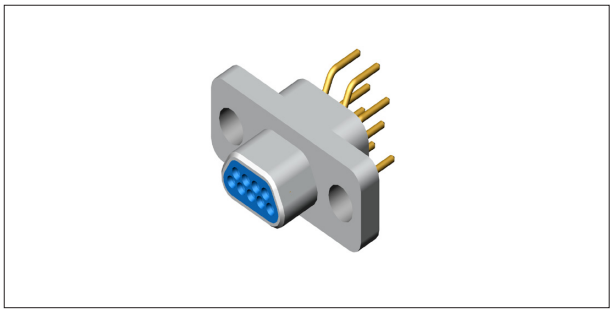
On plug assemblies J30J-9, 15, 21, 25, 31, 37, 51 TJN4 the tail pin length is extended to 7.2 relative to J30J-TJN.

On plug assemblies J30J-9, 15, 21, 25, 31, 37 TJN8 the tail pin length is extended to 8 relative to J30J-TJN.

### 3D View

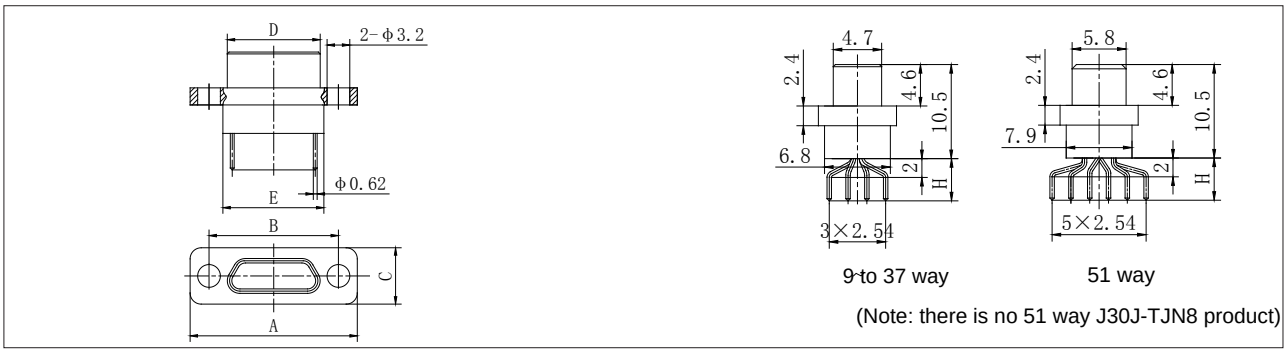


J30J-51TJN4



J30J-9TJN8

### Outline Dimensions




J30J-9~51TJN4/J30J-9~37TJN8

Left view of plug assembly, all contact counts

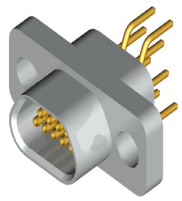
| Plug assembly | A | B | C | D | E | H | |
|---|---|---|---|---|---|---|---|
| | | | | | | TJN4 | TJN8 |
| J30J-9TJN 4/ TJN8 | 19.6 | 14.3 | 7.6 | 8.3 | 9.9 | 7.2 | 8 |
| J30J-15TJN 4/ TJN8 | 23.5 | 18.2 | 7.6 | 12.3 | 13.8 | 7.2 | 8 |
| J30J-21TJN 4/ TJN8 | 27.4 | 22 | 7.6 | 16 | 17.6 | 7.2 | 8 |
| J30J-25TJN 4/ TJN8 | 29.8 | 24.5 | 7.6 | 18.6 | 20.2 | 7.2 | 8 |
| J30J-31TJN4 / TJN8 | 33.6 | 28.3 | 7.6 | 22.4 | 24 | 7.2 | 8 |
| J30J-37TJN 4/ TJN8 | 37.4 | 32.2 | 7.6 | 26.3 | 27.8 | 7.2 | 8 |
| J30J-51TJN 4 | 36.4 | 30.86 | 8.7 | 25 | 26.6 | 7.2 | |

## J30J PCB-Mount Extended Type \ J30J-ZKN3 & J30J-ZKN4

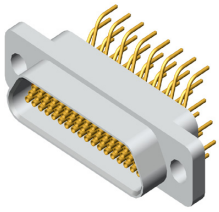
On receptacle assemblies J30J-9, 15, 21, 25, 31, 37, 51 ZKN3 the tail pin length is extended to 6.7 relative to J30J-ZKN.

On receptacle assemblies J30J-9, 15, 21, 25, 31, 37, 51 ZKN4 the tail pin length is extended to 7.2 relative to J30J-ZKN.

### 3D View

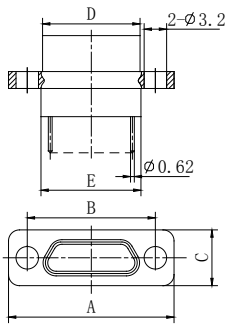


J30J-9ZKN3/J30J-9ZKN4

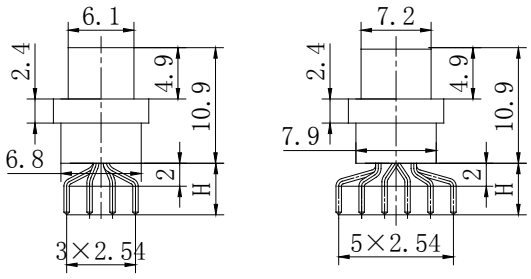


J30J-51ZKN3/J30J-51ZKN4

### Outline Dimensions




J30J-9~51ZKN3/J30J-9~51ZKN4




9 to 37 way 51 way

Left view of receptacle assembly, all contact counts

| How to Order | A | B | C | D | E | H | |
|---|---|---|---|---|---|---|---|
| J30J-9ZKN3 / ZKN4 | 19.6 | 14.3 | 7.6 | 8.3 | 9.9 | ZKN3 | ZKN4 |
| J30J-15ZKN3 / ZKN4 | 23.5 | 18.2 | 7.6 | 12.3 | 13.8 | 6.7 | 7.2 |
| J30J-21ZKN3 / ZKN4 | 27.4 | 22 | 7.6 | 16 | 17.6 | 6.7 | 7.2 |
| J30J-25ZKN3 / ZKN4 | 29.8 | 24.5 | 7.6 | 18.6 | 20.2 | 6.7 | 7.2 |
| J30J-31ZKN3 / ZKN4 | 33.6 | 28.3 | 7.6 | 22.4 | 24 | 6.7 | 7.2 |
| J30J-37ZKN3 / ZKN4 | 37.4 | 32.2 | 7.6 | 26.3 | 27.8 | 6.7 | 7.2 |
| J30J-51ZKN3 / ZKN4 | 36.4 | 30.86 | 8.7 | 25 | 26.6 | 6.7 | 7.2 |

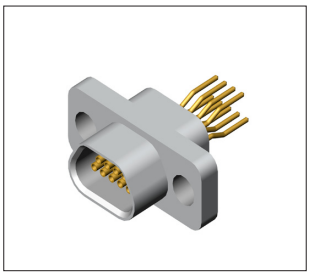
## J30J PCB-Mount Extended Type \ J30J-ZKN4-J

The tail pin length is extended to 7.2 relative to J30J-ZKN-J.

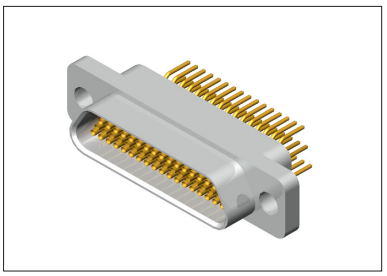
· Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZKN4-J

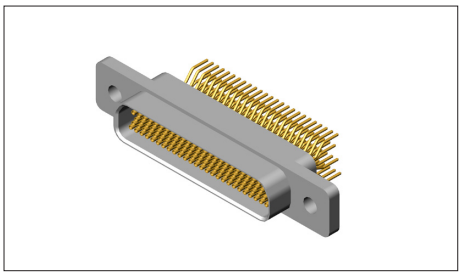
### 3D View



J30J-9ZKN4-J

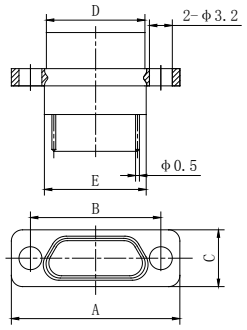


J30J-51ZKN4-J

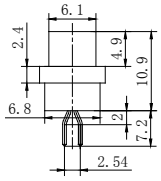


J30J-100ZKN4-J

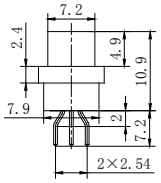
### Outline Dimensions



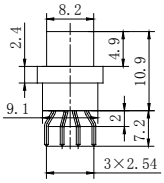

J30J-9~100ZKN4-J




J30J-9~37ZKN4-J




J30J-51, 66ZKN4-J




J30J-74, 100ZKN4-J

Left view of receptacle assembly, all contact counts

| How to Order | A | B | C | D | E |
|---|---|---|---|---|---|
| J30J-9ZKN4-J | 19.6 | 14.3 | 7.6 | 9.8 | 9.9 |
| J30J-15 ZKN4-J | 23.5 | 18.2 | 7.6 | 13.7 | 13.8 |
| J30J-21 ZKN4-J | 27.4 | 22 | 7.6 | 17.4 | 17.6 |
| J30J-25ZKN4-J | 29.8 | 24.5 | 7.6 | 20 | 20.2 |
| J30J-31ZKN4-J | 33.6 | 28.3 | 7.6 | 23.8 | 24 |
| J30J-37ZKN4-J | 37.4 | 32.2 | 7.6 | 27.7 | 27.8 |
| J30J-51ZKN4-J | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 |
| J30J-66ZKN4-J | 42.9 | 37.3 | 8.7 | 32.9 | 33 |
| J30J-74ZKN4-J | 38.8 | 33.5 | 9.7 | 29 | 29.1 |
| J30J-100ZKN4-J | 54.7 | 45.7 | 9.7 | 36.6 | 36.6 |

## J30J PCB-Mount Extended Type \ J30J-TJW-Q8 & J30J-ZKW-Q8

Contact tails connect to the PCB by right-angle mounting; grid size 2.54 x 2.54.

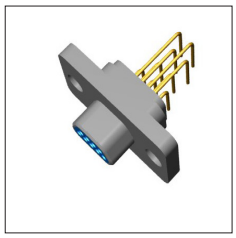
· Plug assembly

·J30J-9, 15, 21, 25, 31, 37, 51TJW-Q8

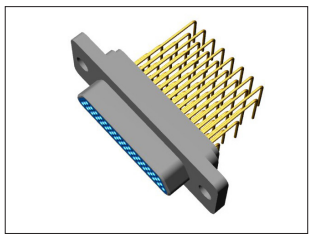
· Receptacle assembly

·J30J-9, 15, 21, 25, 31, 37, 51ZKW-Q8

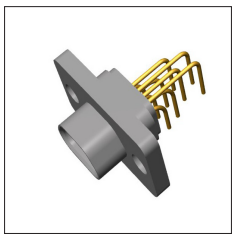
### 3D View



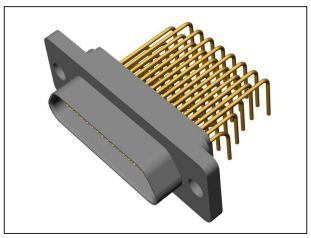
J30J-9TJW-Q8



J30J-51TJW-Q8

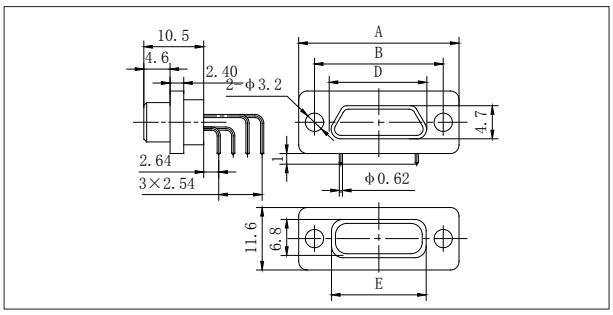


J30J-9ZKW-Q8

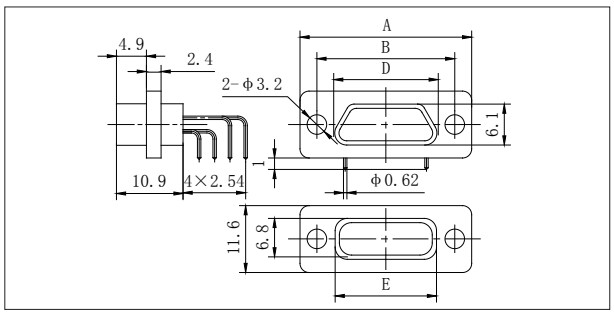


J30J-51ZKW-Q8

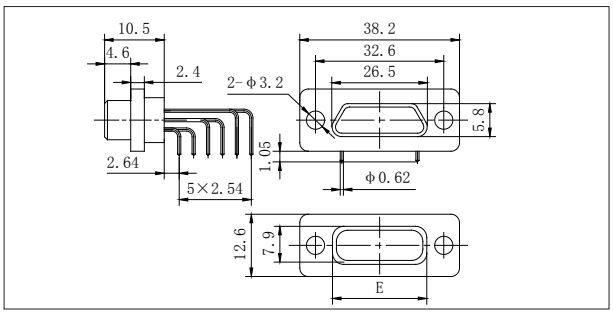
### Outline Dimensions



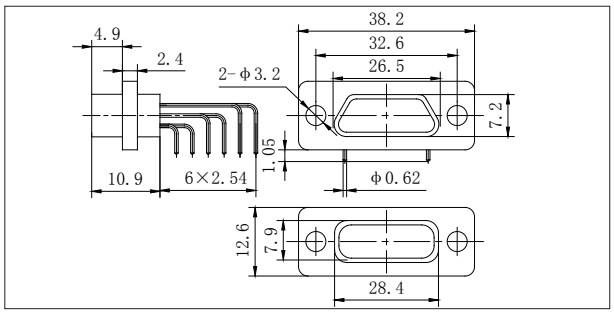

J30J-9~37TJW-Q8




J30J-9~37ZKW-Q8




J30J-51TJW-Q8




J30J-51ZKW-Q8

| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| J30J-9TJW / ZKW-Q8 | 21.4 | 16.1 | 8.3 (TJW-Q8) | 9.8 (ZKW-Q8) | 11.7 |
| J30J-15TJW / ZKW-Q8 | 25.3 | 20 | 12.3 (TJW-Q8) | 13.7 (ZKW-Q8) | 15.6 |
| J30J-21TJW / ZKW-Q8 | 29.2 | 23.8 | 16 (TJW-Q8) | 17.4 (ZKW-Q8) | 19.4 |
| J30J-25TJW / ZKW-Q8 | 31.6 | 26.3 | 18.6 (TJW-Q8) | 20 (ZKW-Q8) | 22 |
| J30J-31TJW / ZKW-Q8 | 35.4 | 30.1 | 22.4 (TJW-Q8) | 23.8 (ZKW-Q8) | 25.8 |
| J30J-37TJW / ZKW-Q8 | 39.2 | 34 | 26.3 (TJW-Q8) | 27.7 (ZKW-Q8) | 29.6 |
| J30J-51TJW / ZKW-Q8 | See outline dimensions | | | | |

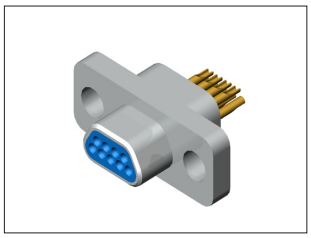
## J30J Solder Basic Type \ J30J-TJS & J30J-ZKS

Basic solder type product with rear-end pitch 1.27 x 1.1 (columns x rows).

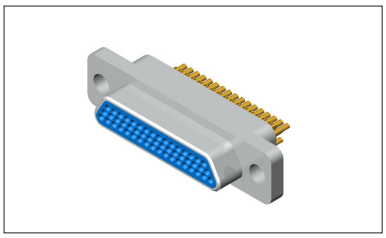
### · Plug

· J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJS

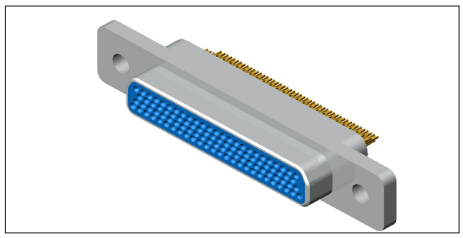
3D View



J30J-9TJS



J30J-51TJS

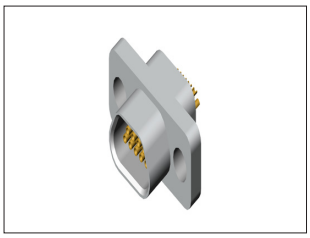


J30J-100TJS

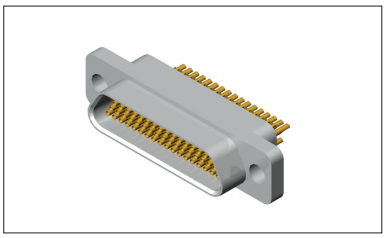
### · Receptacle

·J30J-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZKS

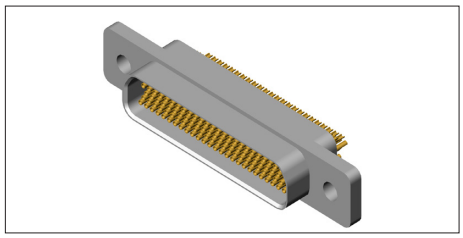
3D View



J30J-9ZKS

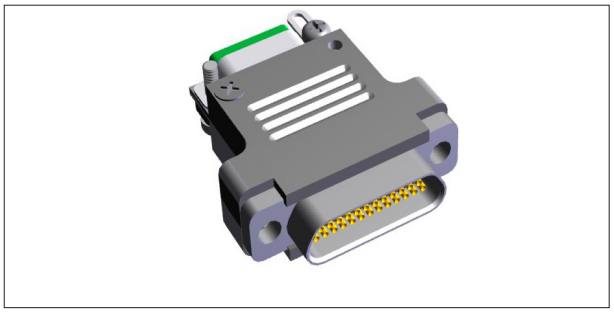


J30J-51ZKS

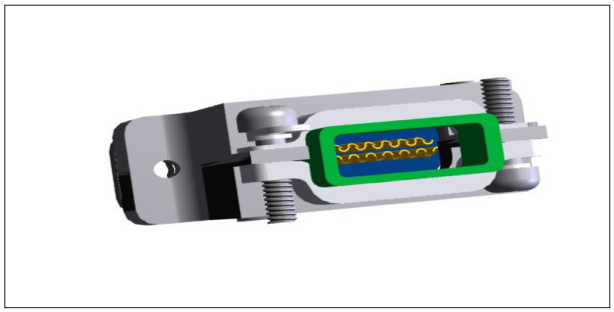


J30J-100ZKS

Note: for clarity the type A3 cable clamp supplied with the plug (receptacle) assembly is not shown in the 3D views above. In fact all J30J-TJS/ZKS solder type plug (receptacle) assemblies are fitted with a type A3 cable clamp by default, so the complete 3D view is as shown below (J30J-25ZKS shown as an example; the clamp of other plug/receptacle assemblies is fitted in the same way).



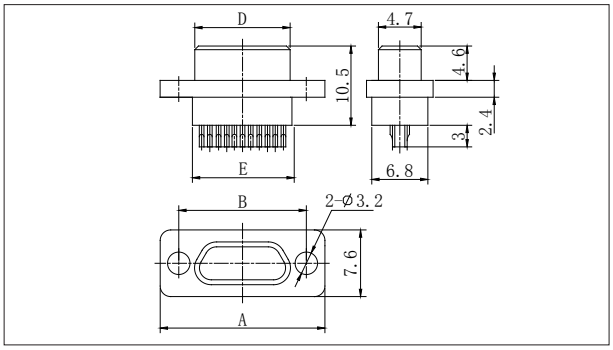
3D view from the mating end



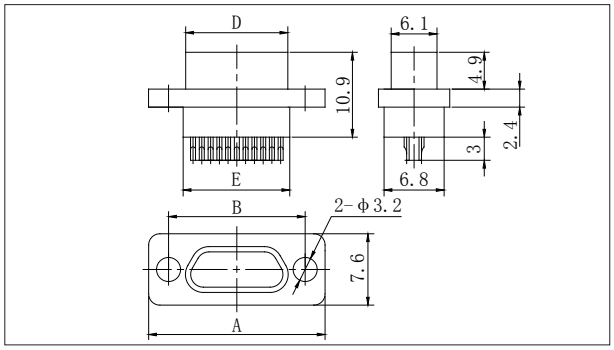
3D view from the cable-clamp end

## J30J Solder Basic Type \ J30J-TJS & J30J-ZKS

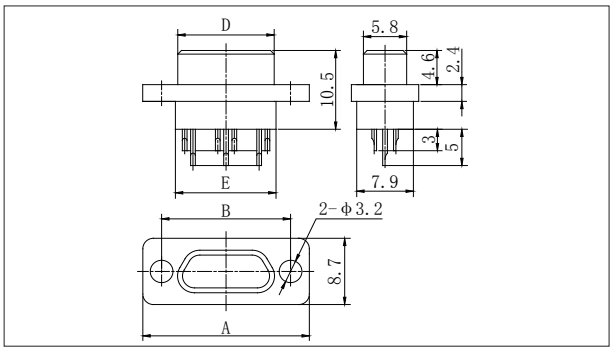
### Outline Dimensions



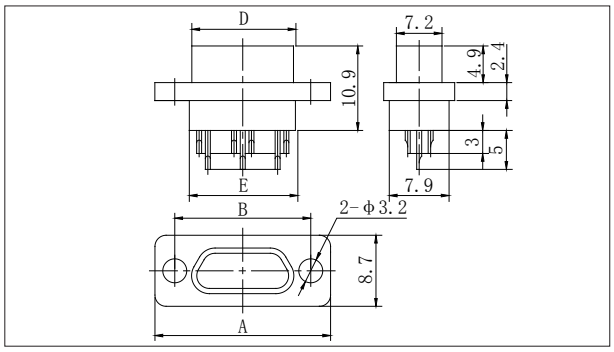

J30J-9~37TJS



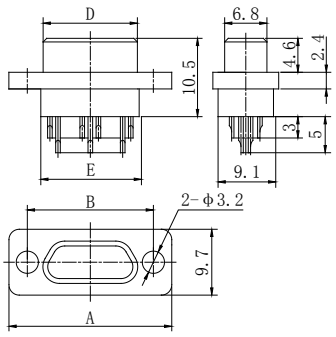

J30J-9~37ZKS



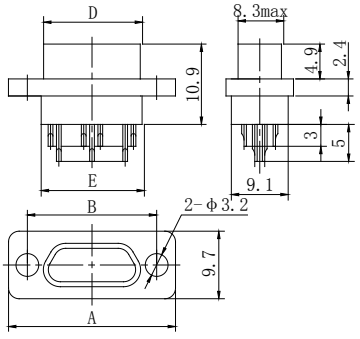

J30J-51, 66TJS




J30J-51, 66ZKS



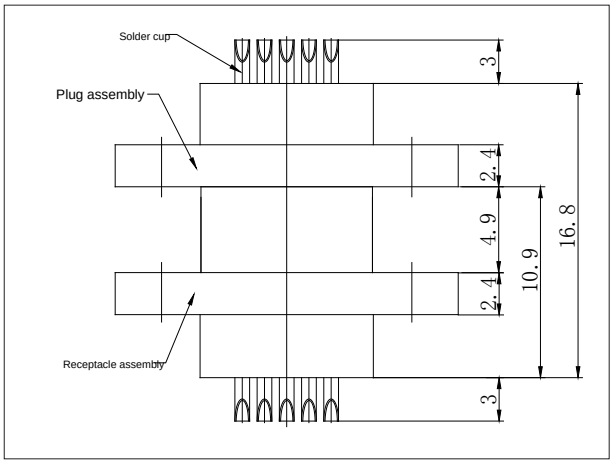

J30J-74, 100TJS



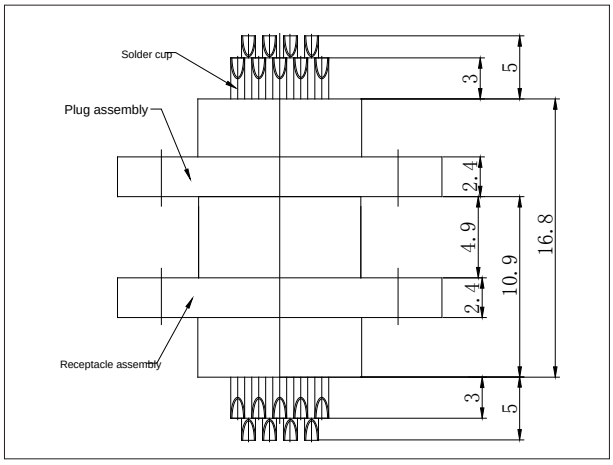

J30J-74, 100ZKS

| How to Order | A | B | D | | E |
|---|---|---|---|---|---|
| J30J-9TJS/ZKS | 19.6 | 14.3 | 8.3 (TJS) | 9.8 (ZKS) | 9.9 |
| J30J-15TJS/ZKS | 23.5 | 18.2 | 12.3 (TJS) | 13.7 (ZKS) | 13.8 |
| J30J-21TJS/ZKS | 27.4 | 22 | 16 (TJS) | 17.4 (ZKS) | 17.6 |
| J30J-25TJS/ZKS | 29.8 | 24.5 | 18.6 (TJS) | 20 (ZKS) | 20.2 |
| J30J-31TJS/ZKS | 33.6 | 28.3 | 22.4 (TJS) | 23.8 (ZKS) | 24 |
| J30J-37TJS/ZKS | 37.4 | 32.2 | 26.3 (TJS) | 27.7 (ZKS) | 27.8 |
| J30J-51TJS/ZKS | 36.4 | 30.86 | 25 (TJS) | 26.5 (ZKS) | 26.6 |
| J30J-66TJS/ZKS | 42.9 | 37.3 | 31.4 (TJS) | 32.9 (ZKS) | 33 |
| J30J-74TJS/ZKS | 38.8 | 33.5 | 27.5 (TJS) | 29 (ZKS) | 29.1 |
| J30J-100TJS/ZKS | 54.7 | 45.7 | 35 (TJS) | 36.6 (ZKS) | 36.6 |

## Outline Dimensions (Mated; type A3 cable clamp not included)

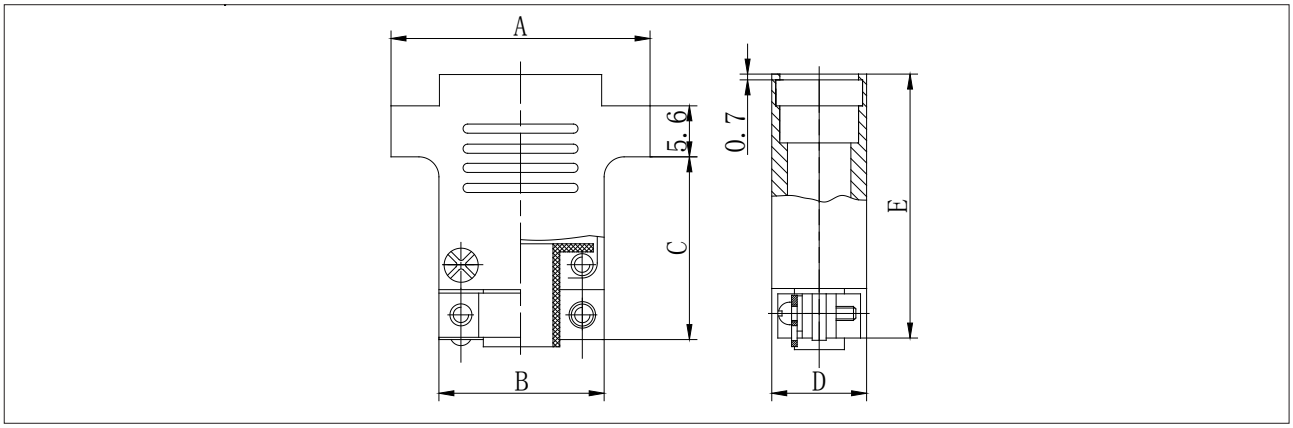



J30J-9 to 37 way




J30J-51 to 100 way

## Dimensions of type A3 cable clamp




| Model | A | B | C | D | E | Model | A | B | C | D | E |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 way | 19.6 | 9.9 | 18.2 | 10.4 | 27 | 37 way | 37.4 | 27.8 | 19.2 | 10.4 | 28 |
| 15 way | 23.5 | 13.8 | 18.2 | 10.4 | 27 | 51 way | 36.4 | 26.6 | 21.2 | 11.2 | 30 |
| 21 way | 27.4 | 17.6 | 19.2 | 10.4 | 28 | 66 way | 42.9 | 33 | 21.2 | 11.2 | 30 |
| 25 way | 29.8 | 20.2 | 19.2 | 10.4 | 28 | 74 way | 38.8 | 29.1 | 21.2 | 12 | 30 |
| 31 way | 33.6 | 24 | 19.2 | 10.4 | 28 | 100 way | 54.7 | 40.7 | 21.2 | 12 | 30 |

## J30JC Crimp Extended Type \ J30JC-TJ & J30JC-ZK

· Plugs J30JC-9, 15, 21, 25, 31, 37, 51, 66, 74, 100 TJ

· Receptacles J30JC-9, 15, 21, 25, 31, 37, 51, 66, 74, 100 ZK

Note: compared with J30J-TJ/ZK crimp basic type, J30JC-TJ/ZK differs only in that the shell material is tin-phosphor bronze with a nickel-plated surface; all other aspects such as outline dimensions, wire requirements, mounting holes and mounting method are the same as J30J-TJ/ZK, so only the part numbers are listed and the rest of the description is omitted. Refer to J30J-TJ/ZK for details.

## J30JC Crimp Extended Type \ J30JC-ZK-Q

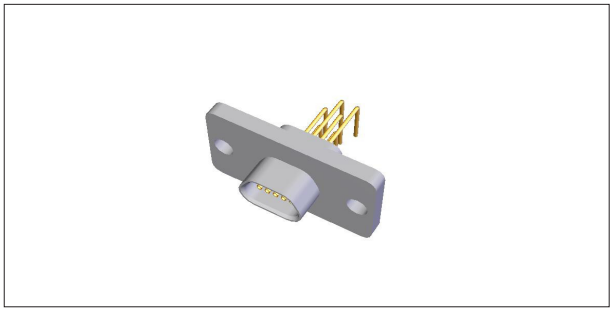
· Receptacles J30JC-9, 15, 21, 25, 31, 37, 51, 66, 74, 100 ZK-Q

Note: compared with J30J-ZK-Q crimp basic type, J30JC-ZK-Q differs only in that the shell material is tin-phosphor bronze with a nickel-plated surface; all other aspects such as outline dimensions, wire requirements, mounting holes and mounting method are the same as J30J-ZK-Q, so only the part numbers are listed and the rest of the description is omitted. Refer to J30J-ZK-Q for details.

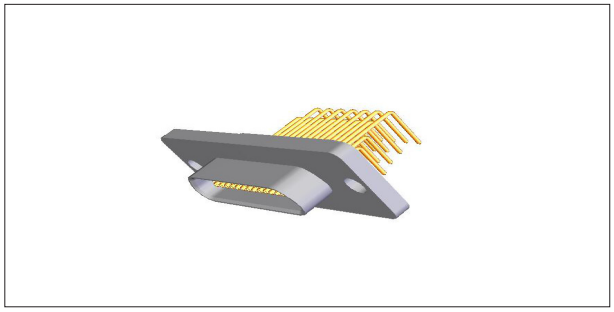
## J30JC PCB-Mount Extended Type \ J30JC-ZKW-Q

· Receptacles J30JC-9, 15, 21, 25, 31, 37, 51, 66, 74, 100 ZKW-Q

### 3D View



J30JC-9ZKW-Q



J30JC-31ZKW-Q

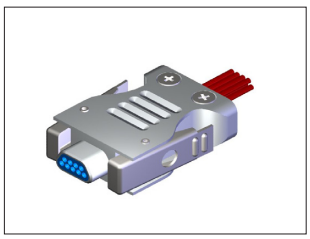
Note: J30JC-ZKW-Q is based on J30J-ZK-Q crimp basic type, with the contacts changed from crimp to right-angle PCB mounting; the pin arrangement is identical to that of J30J-ZKW. Refer to J30J-ZK-Q for details.

## J30JA Quick-Lock Crimp Type \ J30JA-TJ & J30JA-ZK

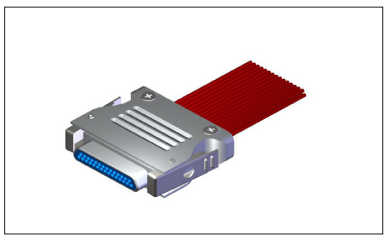
· Plug

· J30JA-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ

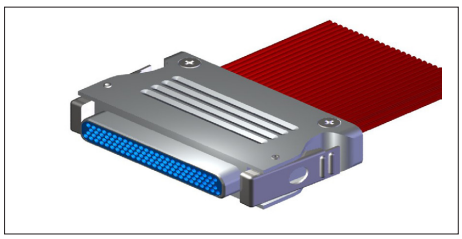
### 3D View



J30JA-9TJ



J30JA-31TJ

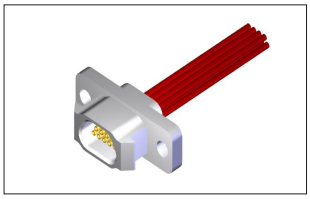


J30JA-100TJ

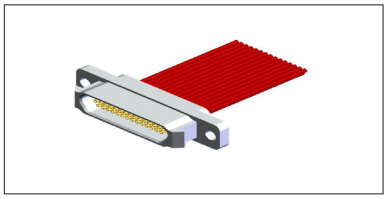
· Receptacle

·J30JA-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK

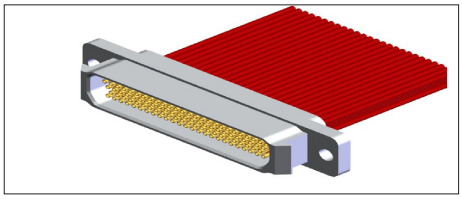
### 3D View



J30JA-9ZK



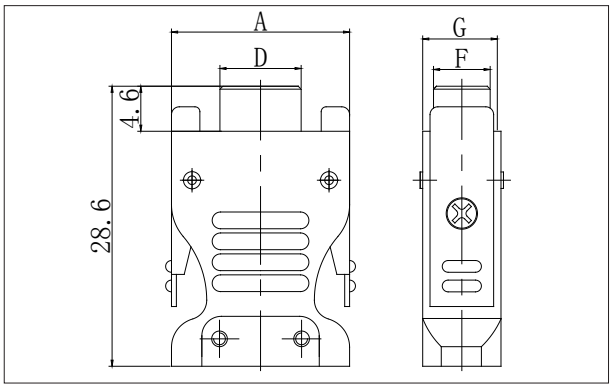
J30JA-31ZK



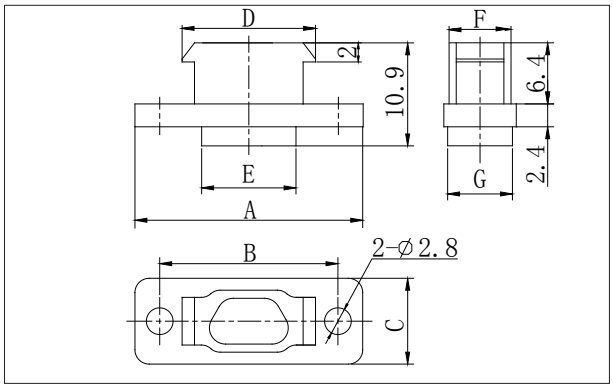
J30JA-100ZK

## J30JA Quick-Lock Crimp Type \ J30JA-TJ & J30JA-ZK

### Outline Dimensions



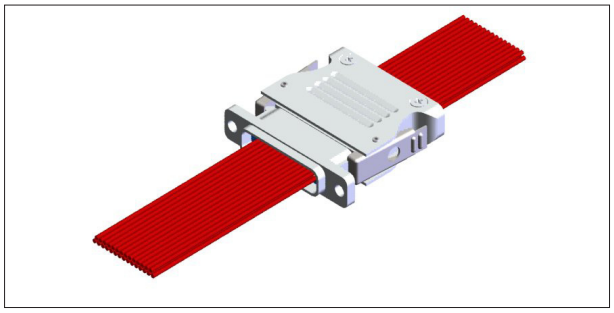

J30JA-☐TJ

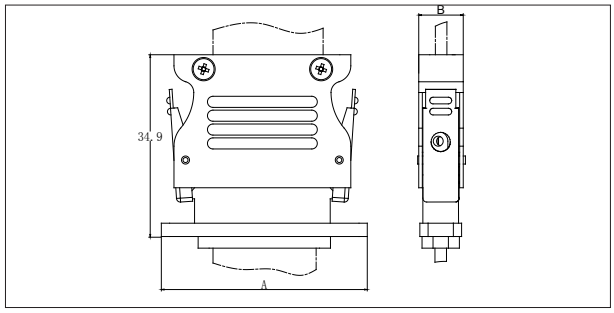



J30JA-☐ZK

| Plug assembly | A | D | F | G | Receptacle assembly | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J30JA-9TJ | 18.2 | 8.4 | 4.7 | 8.1 | J30JA-9ZK | 23.4 | 18.6 | 7.6 | 14.3 | 9.8 | 6.5 | 6.8 |
| J30JA-15TJ | 22.1 | 12.3 | 4.7 | 8.1 | J30JA-15ZK | 27.4 | 22.6 | 7.6 | 18.3 | 13.8 | 6.5 | 6.8 |
| J30JA-21TJ | 25.8 | 16 | 4.7 | 8.1 | J30JA-21ZK | 31.1 | 26.3 | 7.6 | 22 | 17.5 | 6.5 | 6.8 |
| J30JA-25TJ | 28.4 | 18.6 | 4.7 | 8.1 | J30JA-25ZK | 33.7 | 28.9 | 7.6 | 24.6 | 20.1 | 6.5 | 6.8 |
| J30JA-31TJ | 32.2 | 22.4 | 4.7 | 8.1 | J30JA-31ZK | 37.5 | 32.7 | 7.6 | 28.4 | 24.1 | 6.5 | 6.8 |
| J30JA-37TJ | 36 | 26.3 | 4.7 | 8.1 | J30JA-37ZK | 41.4 | 36.6 | 7.6 | 32.3 | 27.8 | 6.5 | 6.8 |
| J30JA-51TJ | 34.8 | 25 | 5.8 | 10 | J30JA-51ZK | 40.1 | 35.3 | 8.7 | 31 | 26.5 | 7.6 | 7.9 |
| J30JA-74TJ | 37.3 | 27.5 | 6.8 | 11 | J30JA-74ZK | 42.6 | 37.8 | 9.8 | 33.5 | 29 | 8.7 | 9 |
| J30JA-100TJ | 44.8 | 35 | 6.8 | 11 | J30JA-100ZK | 50.1 | 45.3 | 9.8 | 41 | 36.5 | 8.7 | 9 |

### Mated View






| Mated pair | A | B | Mated pair | A | B |
|---|---|---|---|---|---|
| J30JA-9TJ/ZK | 23.4 | 8.1 | J30JA-37TJ/ZK | 41.4 | 8.1 |
| J30JA-15TJ/ZK | 27.4 | 8.1 | J30JA-51TJ/ZK | 40.1 | 10 |
| J30JA-21TJ/ZK | 31.1 | 8.1 | J30JA-74TJ/ZK | 42.6 | 11 |
| J30JA-25TJ/ZK | 33.7 | 8.1 | J30JA-100TJ/ZK | 50.1 | 11 |
| J30JA-31TJ/ZK | 37.5 | 8.1 | | | |

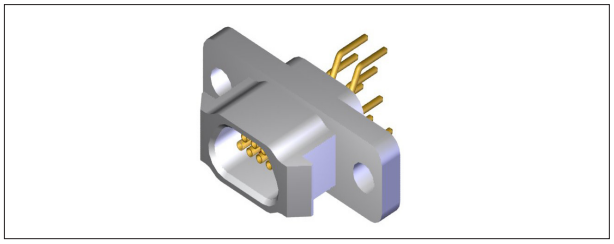
## J30JA PCB-Mount Extended Type \ J30JA-ZKN

Contact tails connect to the PCB by straight mounting; grid size 2.54 x 2.54 (columns x rows).

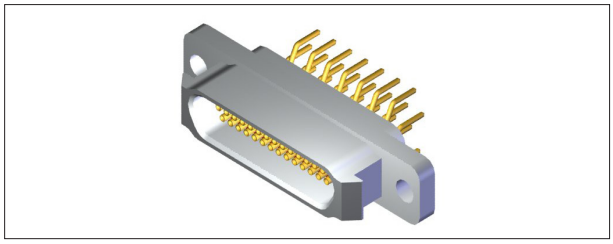
· Receptacle

·J30JA-9, 15, 21, 25, 31, 37, 51ZKN

### 3D View

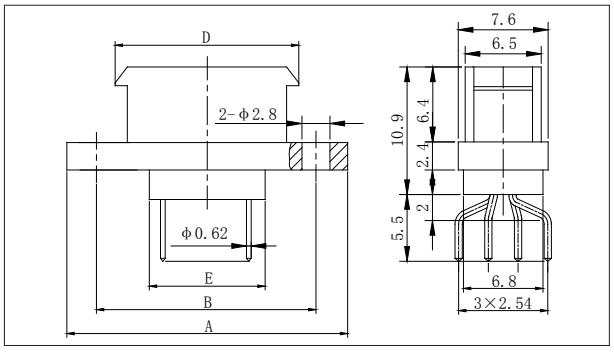


J30JA-9ZKN

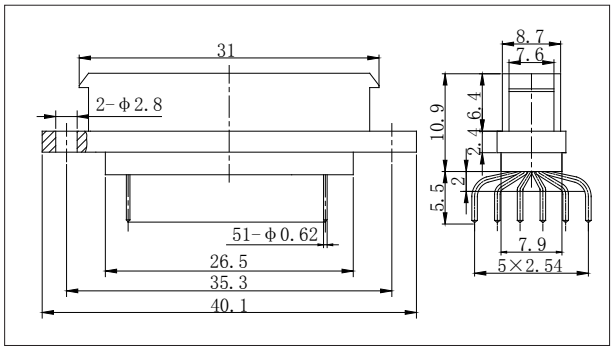


J30JA-31ZKN

### Outline Dimensions



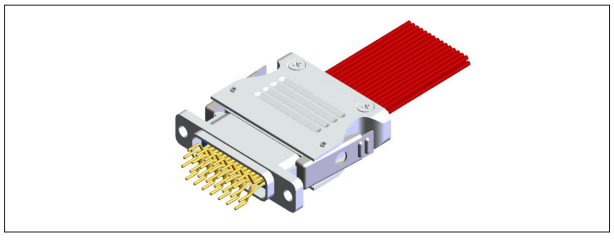

J30JA-9 to 37 ZKN

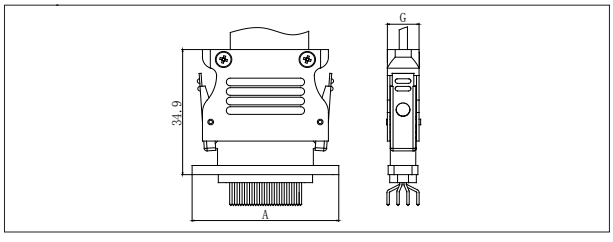



J30JA-51ZKN

| How to Order | A | B | D | E |
|---|---|---|---|---|
| J30JA-9ZKN | 23.4 | 18.6 | 14.3 | 9.8 |
| J30JA-15ZKN | 27.4 | 22.6 | 18.3 | 13.8 |
| J30JA-21ZKN | 31.1 | 26.3 | 22 | 17.5 |
| J30JA-25ZKN | 33.7 | 28.9 | 24.6 | 20.1 |
| J30JA-31ZKN | 37.5 | 32.7 | 28.4 | 24.1 |
| J30JA-37ZKN | 41.4 | 36.6 | 32.3 | 27.8 |

### Mating Dimensions





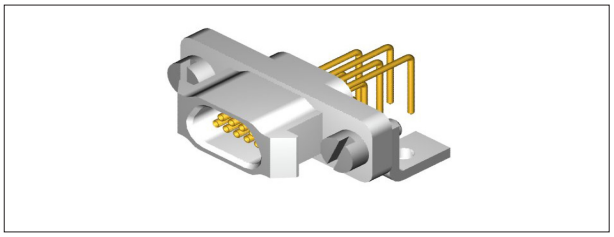

| Mated pair | A | G | Mated pair | A | G |
|---|---|---|---|---|---|
| J30JA-9TJ/ZKN | 23.4 | 8.1 | J30JA-31TJ/ZKN | 37.5 | 8.1 |
| J30JA-15TJ/ZKN | 27.4 | 8.1 | J30JA-37TJ/ZKN | 41.4 | 8.1 |
| J30JA-21TJ/ZKN | 31.1 | 8.1 | J30JA-51TJ/ZKN | 40.1 | 10 |
| J30JA-25TJ/ZKN | 33.7 | 8.1 | | | |

## J30JA PCB-Mount Extended Type \ J30JA-ZKW

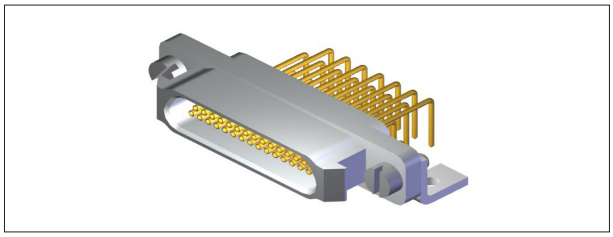
Contact tails connect to the PCB by right-angle mounting; grid size 2.54 x 2.54 (columns x rows).

· Receptacle

·J30JA-9, 15, 21, 25, 31, 37, 51ZKW

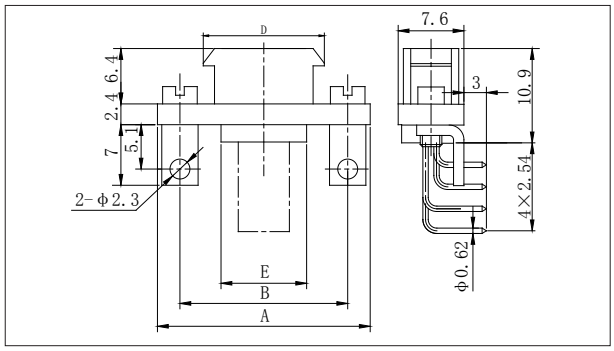


J30JA-9ZKW

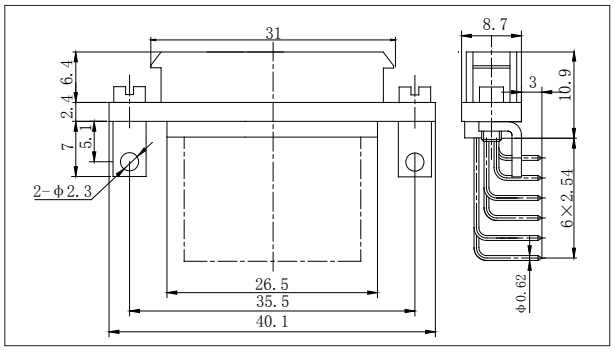


J30JA-31ZKW

## Outline Dimensions



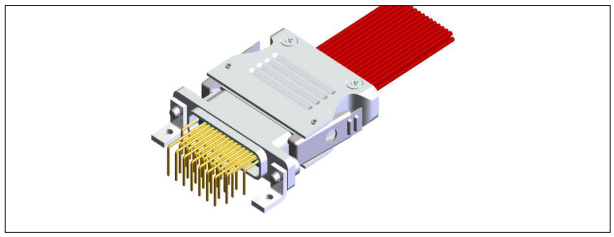

J30JA-9 to 37 ZKW

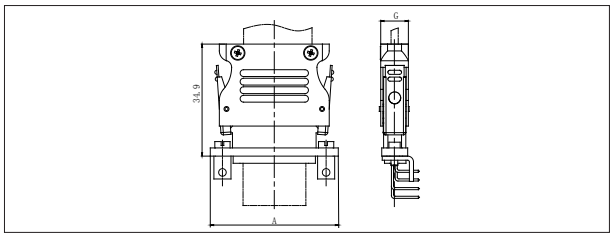



J30JA-51ZKW

| How to Order | A | B | D | E |
|---|---|---|---|---|
| J30JA-9ZKW | 23.4 | 18.6 | 14.3 | 9.8 |
| J30JA-15ZKW | 27.4 | 22.6 | 18.3 | 13.8 |
| J30JA-21ZKW | 31.1 | 26.3 | 22 | 17.5 |
| J30JA-25ZKW | 33.7 | 28.9 | 24.6 | 20.1 |
| J30JA-31ZKW | 37.5 | 32.7 | 28.4 | 24.1 |
| J30JA-37ZKW | 41.4 | 36.6 | 32.3 | 27.8 |

## Mated View






| How to Order | A | G | How to Order | A | G |
|---|---|---|---|---|---|
| J30JA-9TJ/ZKW | 23.4 | 8.1 | J30JA-31TJ/ZKW | 37.5 | 8.1 |
| J30JA-15TJ/ZKW | 27.4 | 8.1 | J30JA-37TJ/ZKW | 41.4 | 8.1 |
| J30JA-21TJ/ZKW | 31.1 | 8.1 | J30JA-51TJ/ZKW | 40.1 | 10 |
| J30JA-25TJ/ZKW | 33.7 | 8.1 | | | |

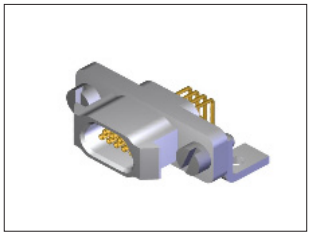
## J30JA PCB-Mount Extended Type \ J30JA-ZKW-J

Contact tails connect to the PCB by right-angle mounting; grid size 1.27 x 2.54 (columns x rows).

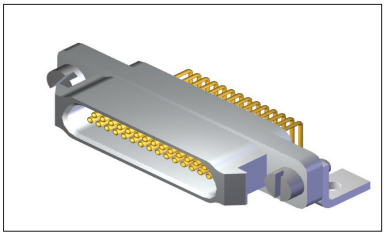
· Receptacle

·J30JA-9, 15, 21, 25, 31, 37, 51, 74, 100ZKW-J

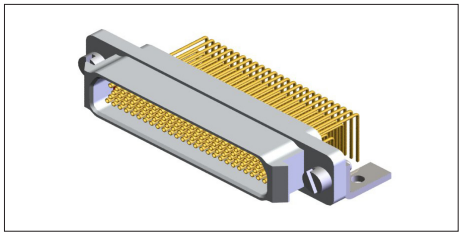
### 3D View



J30JA-9ZKW-J

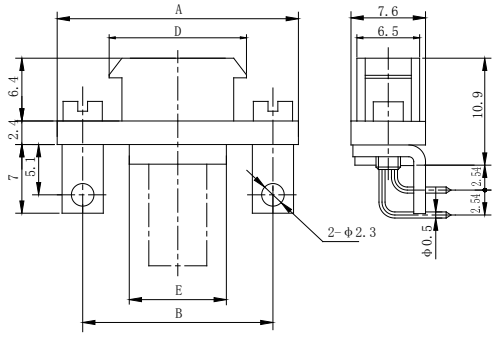


J30JA-31ZKW-J

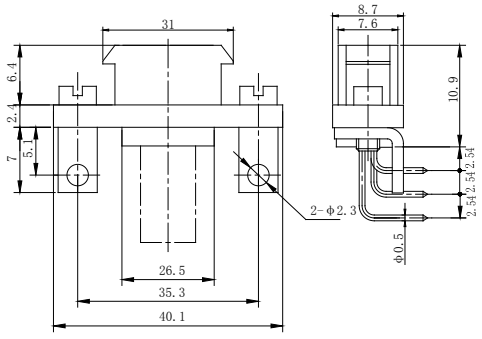


J30JA-100ZKW-J

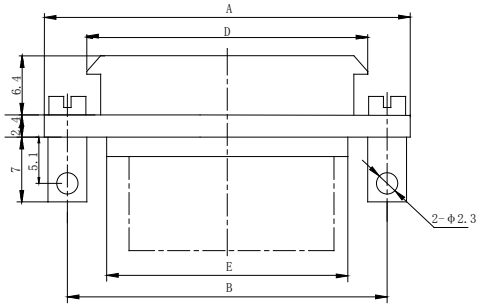
### Outline Dimensions




J30JA-9 to 37 ZKW-J



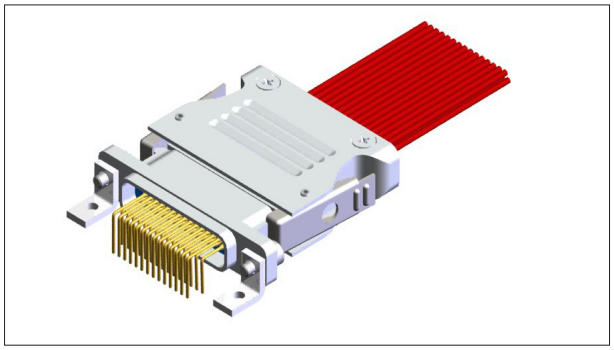

J30JA-51ZKW-J

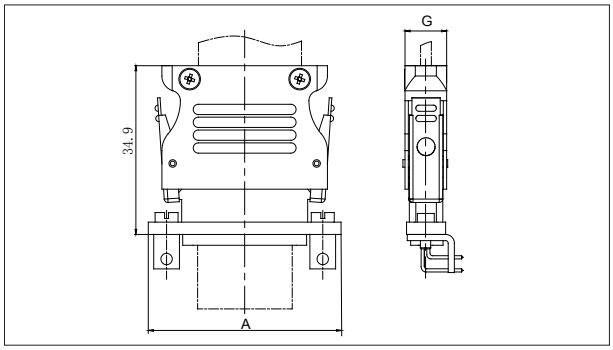



J30JA-74, 100ZKW-J

| Receptacle assembly | A | B | D | E |
|---|---|---|---|---|
| J30JA-9ZKW-J | 23.4 | 18.6 | 14.3 | 9.8 |
| J30JA-15ZKW-J | 27.4 | 22.6 | 18.3 | 13.8 |
| J30JA-21ZKW-J | 31.1 | 26.3 | 22 | 17.5 |
| J30JA-25ZKW-J | 33.7 | 28.9 | 24.6 | 20.1 |
| J30JA-31ZKW-J | 37.5 | 32.7 | 28.4 | 24.1 |
| J30JA-37ZKW-J | 41.4 | 36.6 | 32.3 | 27.8 |
| J30JA-74ZKW-J | 42.6 | 37.8 | 33.5 | 29 |
| J30JA-100ZKW-J | 50.1 | 45.3 | 41 | 36.5 |
| J30JA-51ZKW-J | See outline dimensions | | | |

## Mated View






| Mated pair | A | G | Mated pair | A | G |
|---|---|---|---|---|---|
| J30JA-9TJ/ZKW-J | 23.5 | 8.1 | J30JA-37TJ/ZKW-J | 41.4 | 8.1 |
| J30JA-15TJ/ZKW-J | 27.4 | 8.1 | J30JA-51TJ/ZKW-J | 40.1 | 10 |
| J30JA-21TJ/ZKW-J | 31.1 | 8.1 | J30JA-74TJ/ZKW-J | 42.6 | 11 |
| J30JA-25TJ/ZKW-J | 33.7 | 8.1 | J30JA-100TJ/ZKW-J | 50.1 | 11 |
| J30JA-31TJ/ZKW-J | 37.5 | 8.1 | | | |

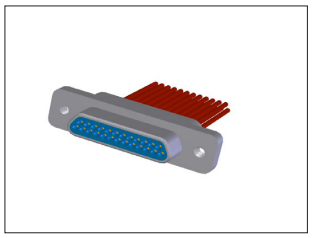
## J30JD Crimp Extended Type \ J30JD-TJ & J30JD-ZK

Based on J30J-TJ/ZK, with the mounting holes changed to M2-6H threaded holes.

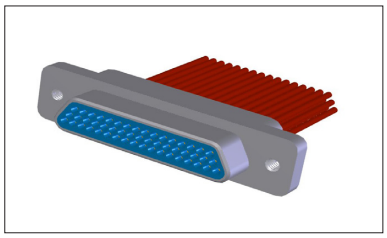
### · Plug

·J30JD-9, 15, 21, 25, 31, 37, 51, 66, 74, 100TJ

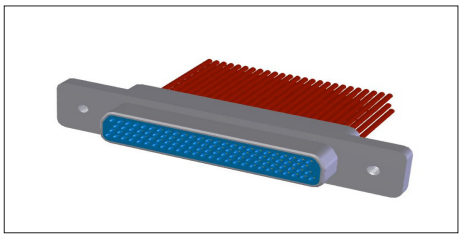
### 3D View



J30JD-25TJ



J30JD-51TJ

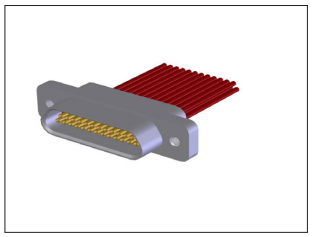


J30JD-100TJ

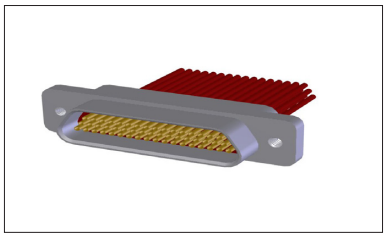
### · Receptacle

·J30JD-9, 15, 21, 25, 31, 37, 51, 66, 74, 100ZK

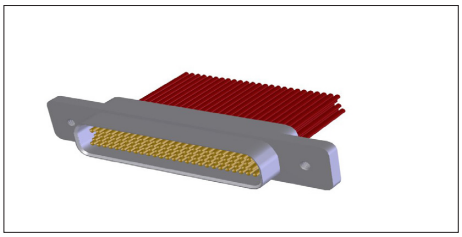
### 3D View



J30JD-25ZK

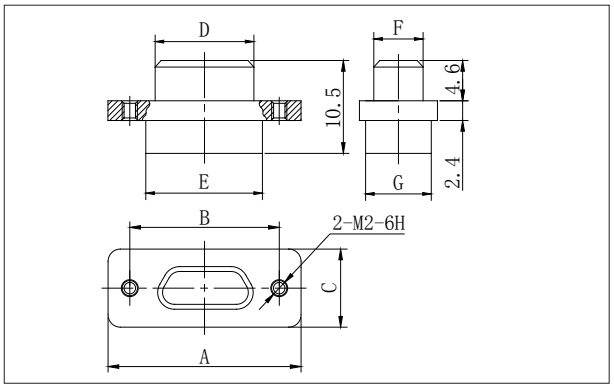


J30JD-51ZK

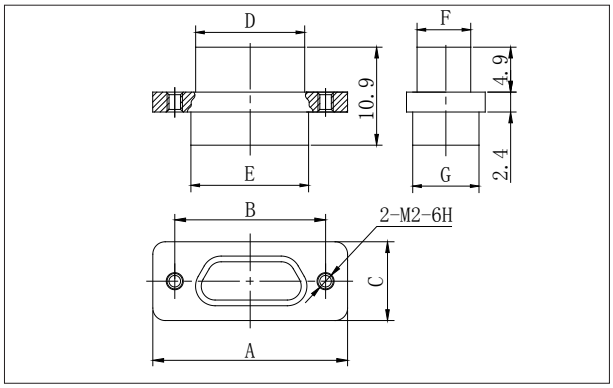


J30JD-100ZK

### Outline Dimensions




J30JD-□TJ

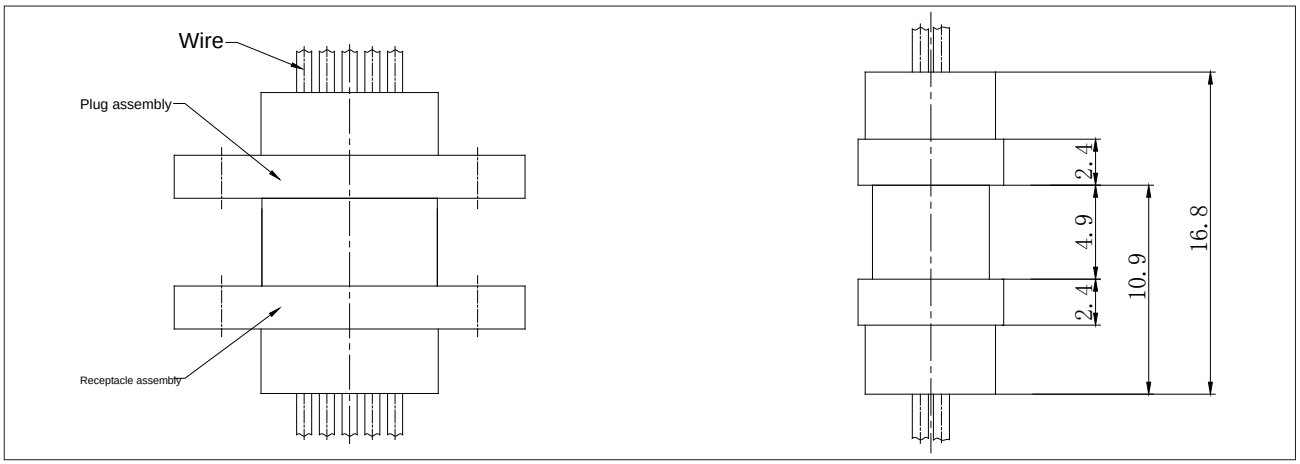



J30JD-□ZK

## J30JD Crimp Extended Type \ J30JD-TJ & J30JD-ZK

| How to Order | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| J30JD-9TJ | 19.6 | 14.3 | 7.6 | 8.3 | 9.9 | 4.7 | 6.8 |
| J30JD-15TJ | 23.5 | 18.2 | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 |
| J30JD-21TJ | 27.4 | 22 | 7.6 | 16 | 17.6 | 4.7 | 6.8 |
| J30JD-25TJ | 29.8 | 24.5 | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 |
| J30JD-31TJ | 33.6 | 28.3 | 7.6 | 22.4 | 24 | 4.7 | 6.8 |
| J30JD-37TJ | 37.4 | 32.2 | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 |
| J30JD-51TJ | 36.4 | 30.86 | 8.7 | 25 | 26.6 | 5.8 | 7.9 |
| J30JD-66TJ | 42.9 | 37.3 | 8.7 | 31.4 | 33 | 5.8 | 7.9 |
| J30JD-74TJ | 38.8 | 33.5 | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 |
| J30JD-100TJ | 54.7 | 45.7 | 9.7 | 35 | 36.6 | 6.8 | 9.1 |
| J30JD-9ZK | 19.6 | 14.3 | 7.6 | 9.8 | 9.9 | 6.1 | 6.8 |
| J30JD-15ZK | 23.5 | 18.2 | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 |
| J30JD-21ZK | 27.4 | 22 | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 |
| J30JD-25ZK | 29.8 | 24.5 | 7.6 | 20 | 20.2 | 6.1 | 6.8 |
| J30JD-31ZK | 33.6 | 28.3 | 7.6 | 23.8 | 24 | 6.1 | 6.8 |
| J30JD-37ZK | 37.4 | 32.2 | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 |
| J30JD-51ZK | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 |
| J30JD-66ZK | 42.9 | 37.3 | 8.7 | 32.9 | 33 | 7.2 | 7.9 |
| J30JD-74ZK | 38.8 | 33.5 | 9.7 | 29 | 29.1 | 8.3 | 9.1 |
| J30JD-100ZK | 54.7 | 45.7 | 9.7 | 36.6 | 36.65 | 8.2 | 9.1 |

## Mated View




Front view

Left view

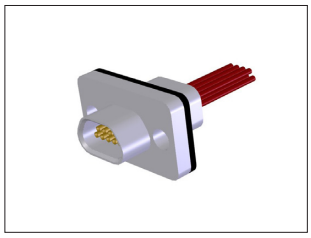
## J30JM Adhesive-Sealed Crimp Type \ J30JM-ZK

For J30J sealed products, apart from the insulation resistance (>=2000 MOhm) which differs from the standard J30J specification, all other parameters are identical to J30J, with one additional parameter: air leakage rate, 5.0 x 10 $^{2}Pa \cdot cm^{3}/s$. These products therefore have their own detail specification: Q/Lk20073-2004 Detail Specification for J30JM Micro Rectangular Electrical Connectors.

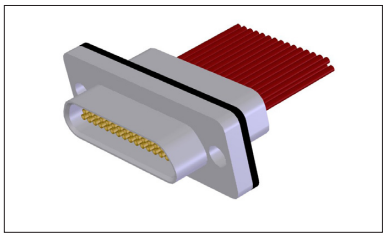
### · Receptacle

·J30JM-9, 15, 21, 25, 31, 37, 51, 74, 100ZK

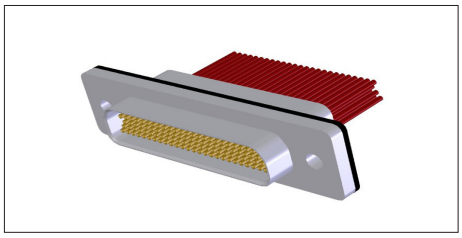
### 3D View



J30JM-9ZK

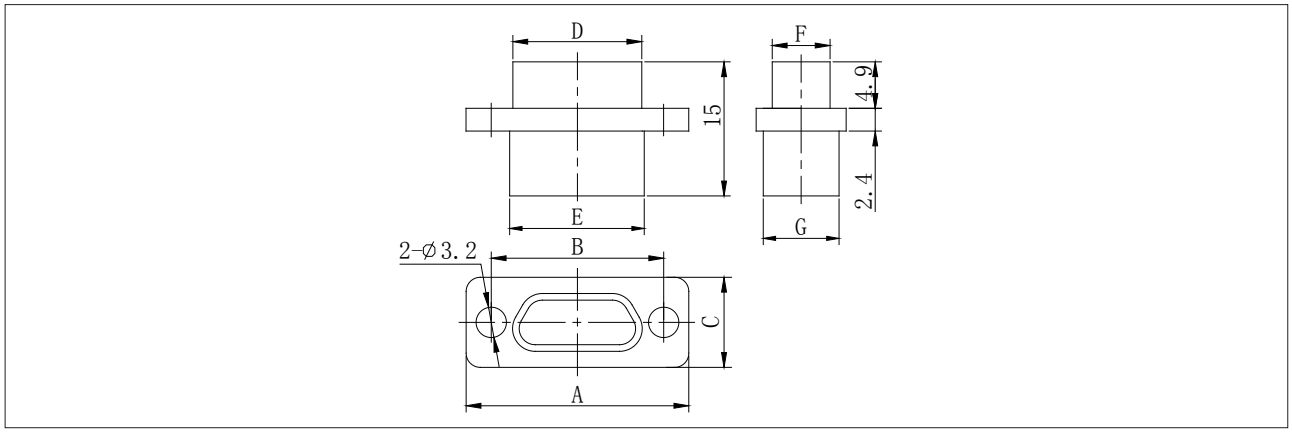


J30JM-31ZK



J30JM-100ZK

### 3D View




Note: the rubber gasket fitted on the flange (see 3D view) is 1 mm thick.

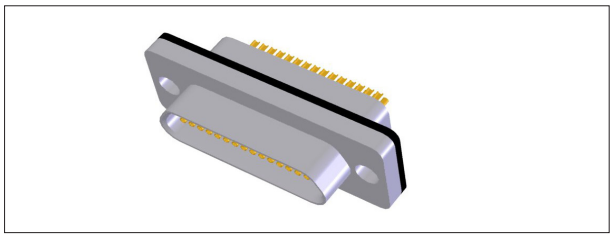
| How to Order | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| J30JM-9ZK | 19.6 | 14.3 | 12 | 9.8 | 9.9 | 6.1 | 6.8 |
| J30JM-15ZK | 23.5 | 18.2 | 12 | 13.7 | 13.8 | 6.1 | 6.8 |
| J30JM-21ZK | 27.4 | 22 | 12 | 17.4 | 17.6 | 6.1 | 6.8 |
| J30JM-25ZK | 29.8 | 24.5 | 12 | 20 | 20.2 | 6.1 | 6.8 |
| J30JM-31ZK | 33.6 | 28.3 | 12 | 23.8 | 24 | 6.1 | 6.8 |
| J30JM-37ZK | 37.4 | 32.2 | 12 | 27.7 | 27.8 | 6.1 | 6.8 |
| J30JM-51ZK | 36.4 | 30.86 | 13 | 26.5 | 26.6 | 7.2 | 7.9 |
| J30JM-74ZK | 38.8 | 33.5 | 14 | 29 | 29.1 | 8.3 | 9.1 |
| J30JM-100ZK | 54.7 | 45.7 | 14 | 36.65 | 36.8 | 8.2 | 9.1 |

## J30JM Adhesive-Sealed Solder Type \ J30JM-ZKS

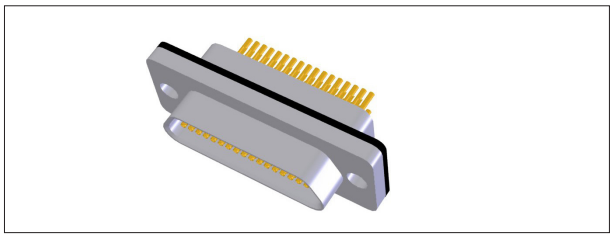
Solder version of the J30J sealed product. As with J30JM-ZK crimp basic type, apart from the insulation resistance (>=2000 MOhm) which differs from standard J30J, all other parameters are identical, with one additional parameter: air leakage rate, 5.0 x $10^{-2}$ $Pa \cdot cm^3/s$. These products therefore have their own detail specification: Q/Lk20073-2004 Detail Specification for J30JM Micro Rectangular Electrical Connectors.

· Receptacles J30JM-31, 51 ZKS

### 3D View

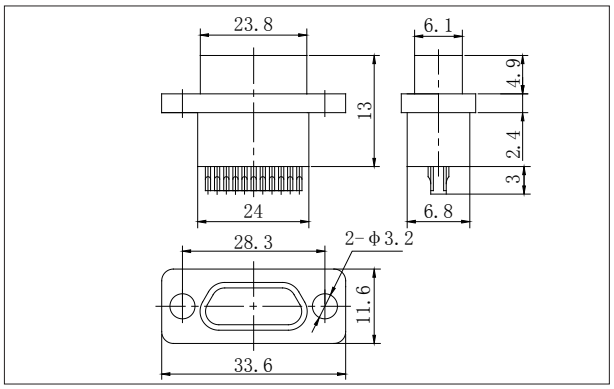


J30JM-31ZKS

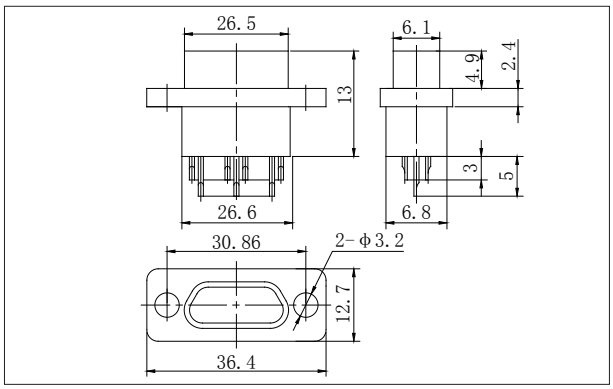


J30JM-51ZKS

### Outline Dimensions




J30JM-31ZKS




J30JM-51ZKS

Note: the rubber gasket fitted on the flange (see 3D view) is 1 mm thick.

## J30JM1 Glass-Sintered Sealed Solder Type \ J30JM1-ZKS

· A J30J product with a higher sealing specification (note: receptacle end sealed only), using a glass-sintered structure, for use with standard J30J series plugs and locking accessories.

· Applicable standard: Q/Lk30016-2008 Detail Specification for J30JM1 Series Micro Rectangular Sealed Electrical Connectors

· Technical characteristics:

Insulation resistance: >=1000 MOhm

Dielectric withstanding voltage: 600 V r.m.s.

Contact resistance: <=30 mOhm

Air leakage: <=1 x 10 $^{3}Pa.cm^{3}/s$

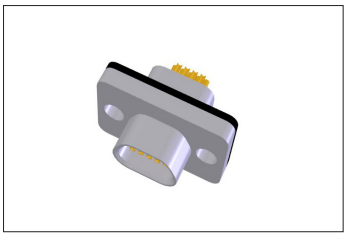
All other parameters are identical to J30J.

· This sealed connector series is mainly for front-panel mounting; other mounting methods require customisation.

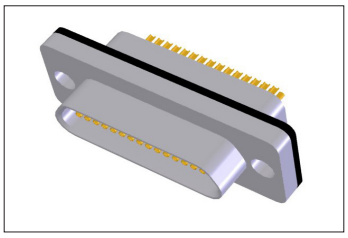
· Blind-hole mounting is recommended for front-panel mounting; preferred mounting screws are J30J series P29, P36, P37 and P43.

· Plugs J30JM1-9, 15, 21, 25, 31, 37, 51 ZKS

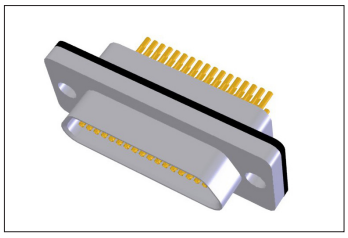
### 3D View



J30JM1-9ZKS

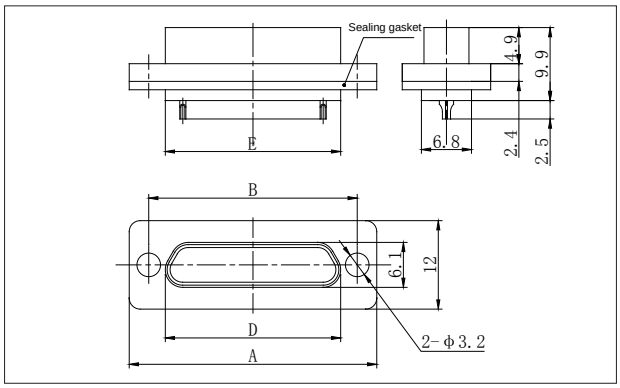


J30JM1-31ZKS

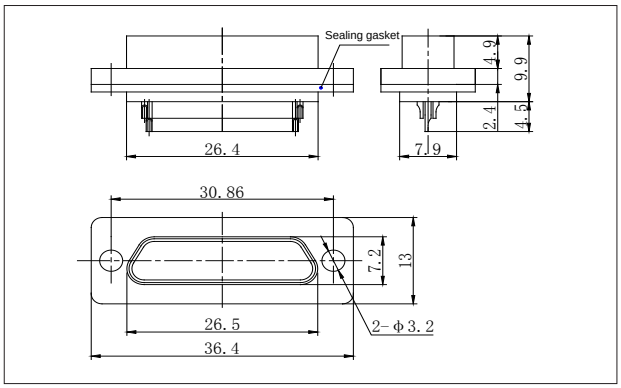


J30JM1-51ZKS

### Outline Dimensions




J30JM1-9~37ZKS




J30JM1-51ZKS

| How to Order | A | B | D | E |
|---|---|---|---|---|
| J30JM1-9ZKS | 19.6 | 14.3 | 9.8 | 9.7 |
| J30JM1-15ZKS | 23.5 | 18.2 | 13.7 | 13.6 |
| J30JM1-21ZKS | 27.4 | 22 | 17.4 | 17.4 |
| J30JM1-25ZKS | 29.8 | 24.5 | 20 | 20 |
| J30JM1-31ZKS | 33.6 | 28.3 | 23.8 | 23.8 |
| J30JM1-37ZKS | 37.4 | 32.2 | 27.7 | 27.6 |
| J30JM1-51ZKS | See figure above | | | |

Note: the rubber gasket fitted on the flange (see 3D view) is 1 mm thick.

## J30J Cable-Clamp Assembly \ Type A1 & Type A3

· The type A1 cable clamp can be used with J30J basic crimp series products; the locking accessory fitted is normally a free-end locking accessory

· The type A3 cable clamp is the default accessory of J30J basic solder S series products and may also be used with standard J30J crimp series products

· When the type A3 cable clamp is used with J30J basic crimp series products the ordering designation is J30J-· TJ-A3 (plug), J30J-

· ZK-A3 (receptacle)

· When the type A3 cable clamp is used with J30J basic solder S series products the ordering designation is J30J-· TJS (plug), J30J-

· ZKS (receptacle)

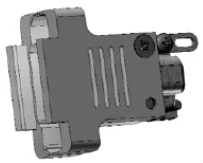
### 3D View

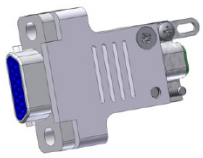


J30J-□A1



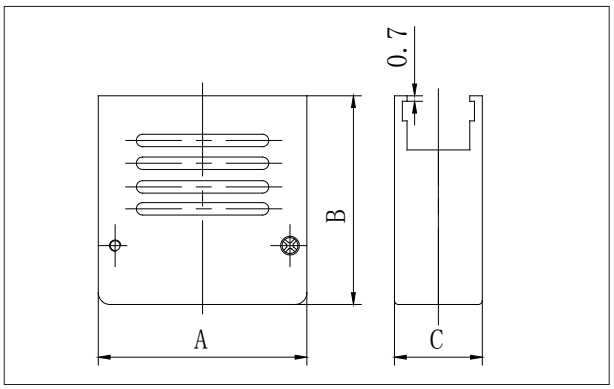
Assembling the type A1 cable clamp to the plug J30J-□A3



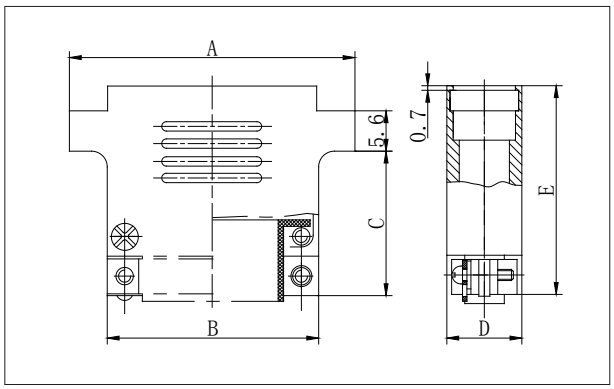


Assembling the type A3 cable clamp to the product

### Outline Dimensions




J30J-· A1 cable-clamp assembly



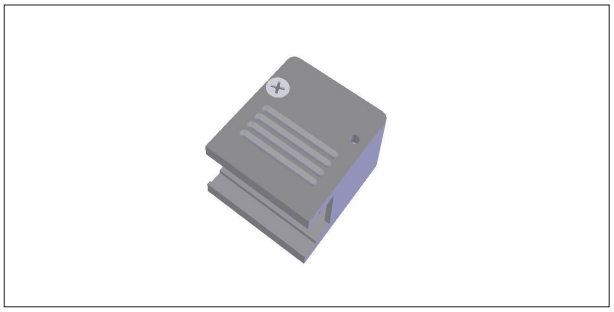

J30J-· A3 cable-clamp assembly

| How to Order | A | B | C | How to Order | A | B | C | D | E |
|---|---|---|---|---|---|---|---|---|---|
| J30J-9A1 | 9.9 | 23.6 | 10.4 | J30J-9A3 | 19.6 | 9.9 | 18.2 | 10.4 | 27 |
| J30J-15A1 | 13.8 | 23.6 | 10.4 | J30J-15A3 | 23.5 | 13.8 | 18.2 | 10.4 | 27 |
| J30J-21A1 | 17.6 | 23.6 | 10.4 | J30J-21A3 | 27.4 | 17.6 | 19.2 | 10.4 | 28 |
| J30J-25A1 | 20.2 | 23.6 | 10.4 | J30J-25A3 | 29.8 | 20.2 | 19.2 | 10.4 | 28 |
| J30J-31A1 | 24 | 23.6 | 10.4 | J30J-31A3 | 33.6 | 24 | 19.2 | 10.4 | 28 |
| J30J-37A1 | 27.8 | 23.6 | 10.4 | J30J-37A3 | 37.4 | 27.8 | 19.2 | 10.4 | 28 |
| J30J-51A1 | 26.6 | 26.6 | 11.2 | J30J-51A3 | 36.4 | 26.6 | 21.2 | 11.2 | 30 |
| J30J-66A1 | 33 | 26.6 | 11.2 | J30J-66A3 | 42.9 | 33 | 21.2 | 11.2 | 30 |
| J30J-74A1 | 29.1 | 30 | 12 | J30J-74A3 | 38.8 | 29.1 | 21.2 | 12 | 30 |
| J30J-100A1 | 40.7 | 30 | 12 | J30J-100A3 | 54.7 | 40.7 | 21.2 | 12 | 30 |

## J30J Cable-Clamp Assembly \ Type A2

The type A2 cable-clamp assembly may only be used with J30J-TJ/ZK-Q8 products.

### 3D View

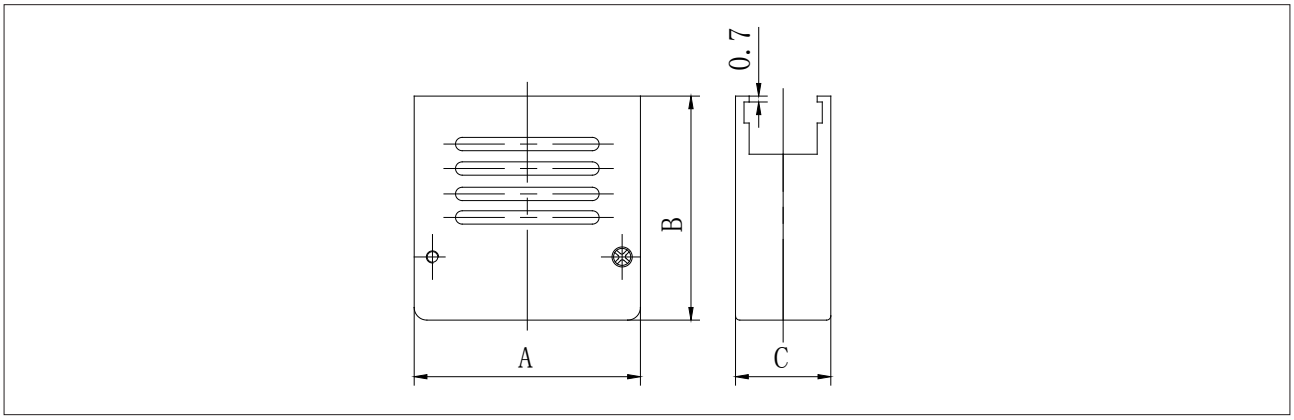


J30J-□A2



Assembling the type A2 cable clamp to the plug

### Outline Dimensions




J30J-· A2 cable-clamp assembly

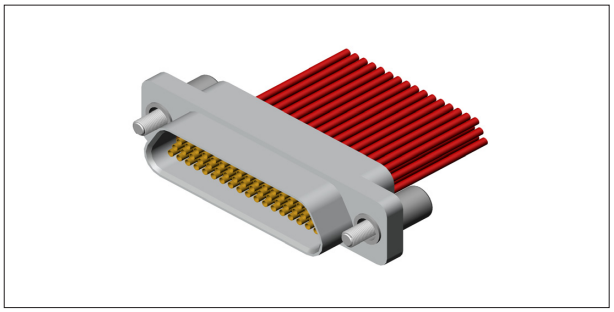
| How to Order | A | B | C |
|---|---|---|---|
| J30J-9A2 | 11.7 | 22 | 13.4 |
| J30J-15A2 | 15.6 | 22 | 13.4 |
| J30J-21A2 | 19.4 | 22 | 13.4 |
| J30J-25A2 | 22 | 22 | 13.4 |
| J30J-31A2 | 25.8 | 22 | 13.4 |
| J30J-37A2 | 29.6 | 22 | 13.4 |
| J30J-51A2 | 28.4 | 22 | 14.6 |

## J30J Locking Accessories \ J30J Free-End Locking Accessories

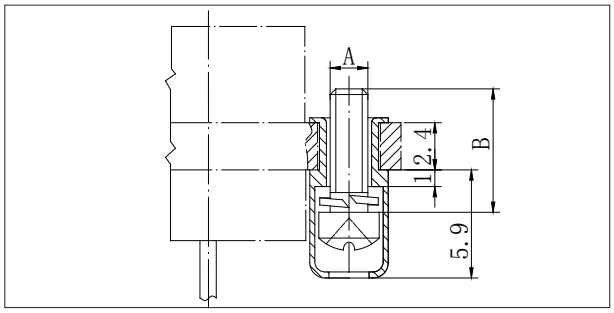
Free-end locking accessories should only be combined with J30J products to form a free-end connector; the mating locking end is normally a fixed-end locking accessory.

· Types L, L1, L8 locking accessories

### Assembly Diagram



### Outline Dimensions



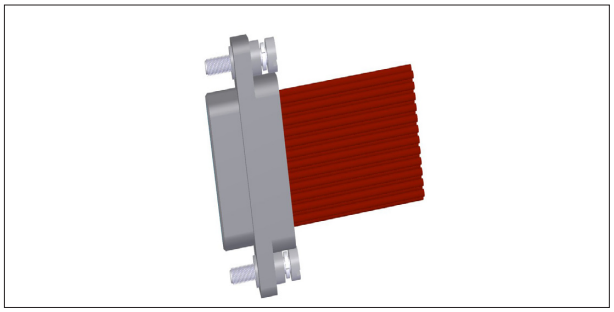

· Compatible with types L, L1, L8

| J30J free-end locking accessory | A | B | Compatible J30J fixed-end locking accessories |
|---|---|---|---|
| Type L | M2-6h | 7.1 | P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 |
| Type L1 | M2-6h | 11.5 | Designed specifically to lock with J30J-ZK-Q4 products |
| Type L8 | #2-56UNC-2A | 7.1 | P1 |

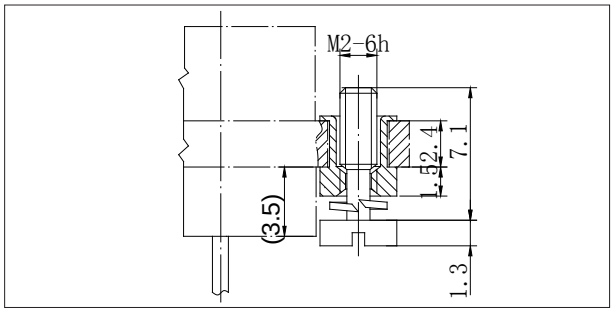
· Type L7 locking accessory

The type L7 locking accessory is fitted in J30J-TJ/ZK basic type products; once tightened the screw end does not protrude beyond the shell rear face.

### Assembly Diagram



### Outline Dimensions



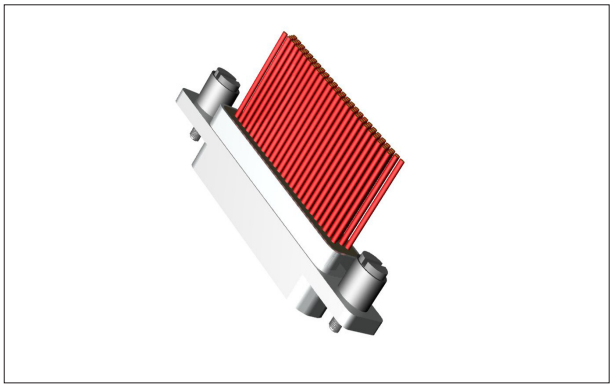

· Compatible with type L7

| J30J free-end locking accessory | Compatible J30J fixed-end locking accessories |
|---|---|
| Type L7 | P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, Type P46 |

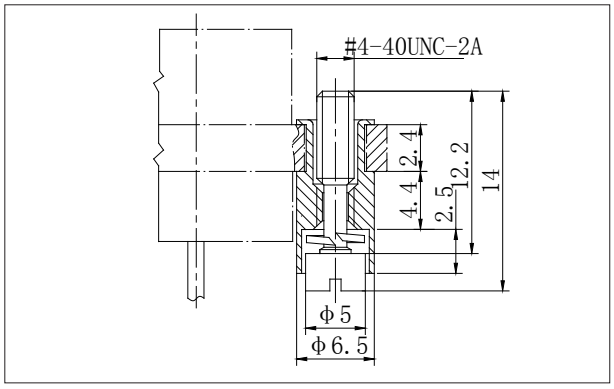
## J30J Locking Accessories \ J30J Free-End Locking Accessories

· Type L2 locking accessory

### Assembly Diagram



### Outline Dimensions

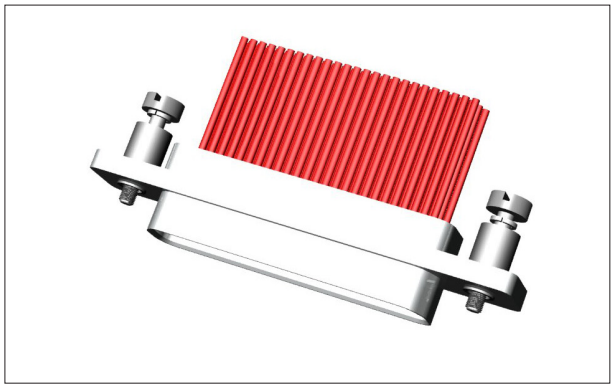



· Application conditions and compatibility of the type L2 locking accessory

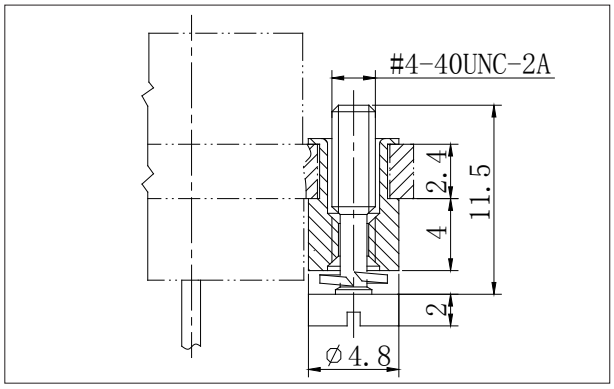
| J30J free-end locking accessory | Application conditions and compatible J30J fixed-end locking accessories |
|---|---|
| Type L2 | Only for J30J-100TJ-K/ZK-K products with a shell flange mounting hole diameter of 3.7.<br>May be used with types P12, P16, P34 locking accessories. |

· Type L3 locking accessory

### Assembly Diagram



### Outline Dimensions



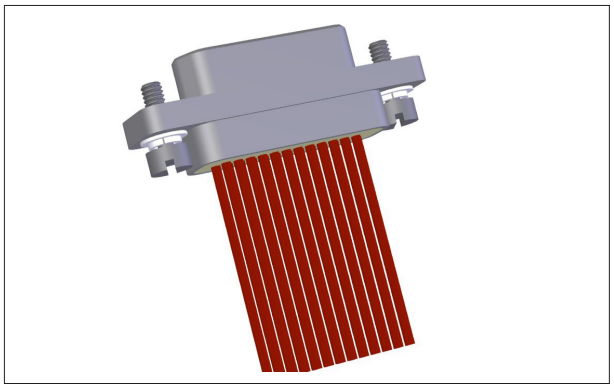

· Application conditions and compatibility of the type L3 locking accessory

| J30J free-end locking accessory | Application conditions and compatible J30J fixed-end locking accessories |
|---|---|
| Type L3 | Only for J30J-100TJ-K/ZK-K products with a shell flange mounting hole diameter of 3.7.<br>May be used with types P12, P16, P34 locking accessories. |

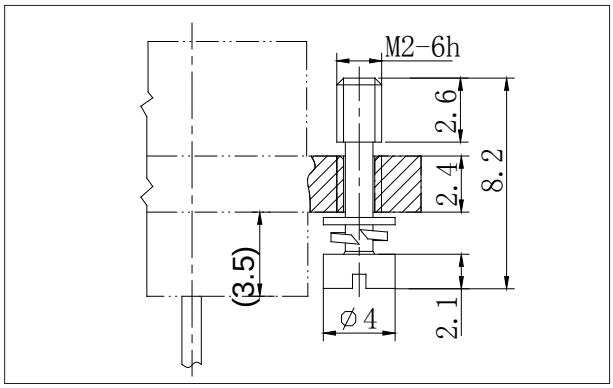
## J30J Locking Accessories \ J30J Free-End Locking Accessories

· Type L9 locking accessory

### Assembly Diagram



### Outline Dimensions

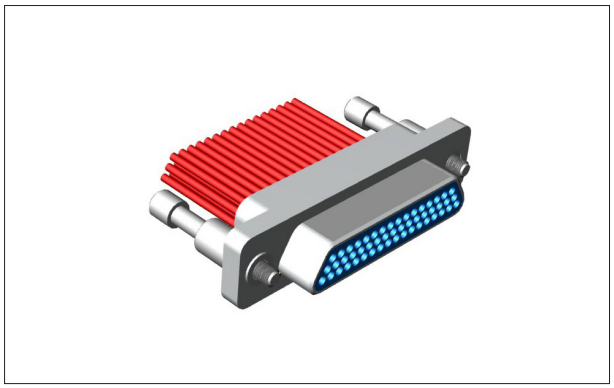



· Application conditions and compatibility of the type L9 locking accessory

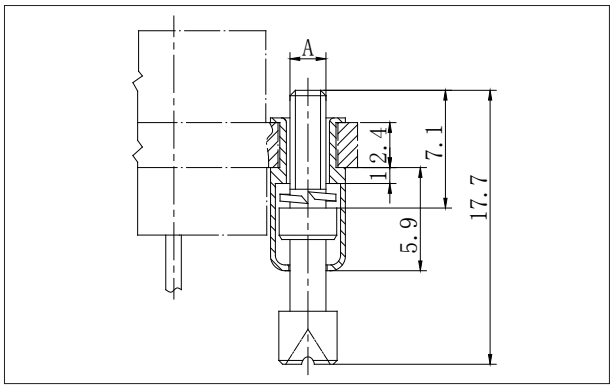
| J30J free-end locking accessory | Application conditions and compatible J30J fixed-end locking accessories |
|---|---|
| Type L9 | For use on J30JD products only; for ease of use it is recommended for products with flying leads.<br>For use with P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 locking accessories. |

· Types K, K1 locking accessories

### Assembly Diagram



### Outline Dimensions




· Compatible with types K, K1

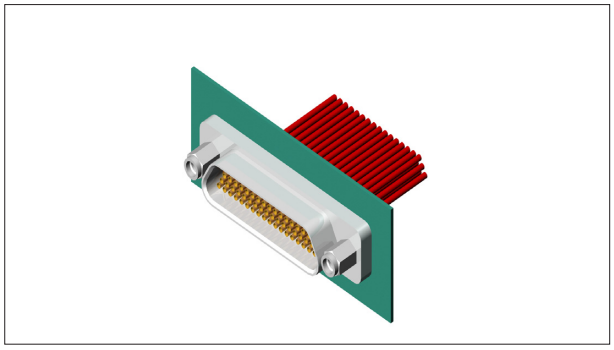
| J30J free-end locking accessory | A | Compatible J30J fixed-end locking accessories |
|---|---|---|
| Type K | M2-6h | P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P22, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 |
| Type K1 | #2-56UNC-2A | P1 |

## J30J Locking Accessories \ J30J Fixed-End Locking Accessories

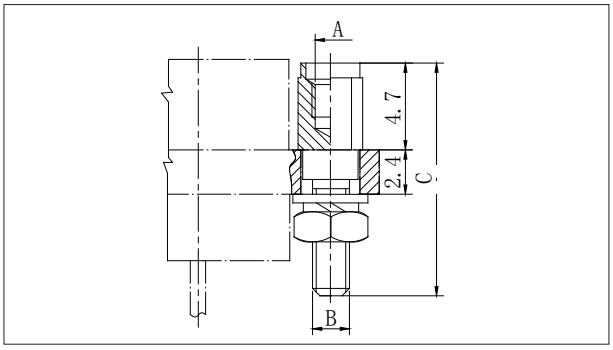
Fixed-end locking accessories are used to fix the connector to a mounting plate or PCB. Most fixed-end locking accessories can be mated and locked with free-end locking accessories; a few are only for applications where no locking with a free-end accessory is required (such as type P44).

· Types P, P1, P8, P9 locking accessories
· Types P, P1, P8, P9 locking accessories are for front-panel mounting only.

### Assembly Diagram



### Outline Dimensions

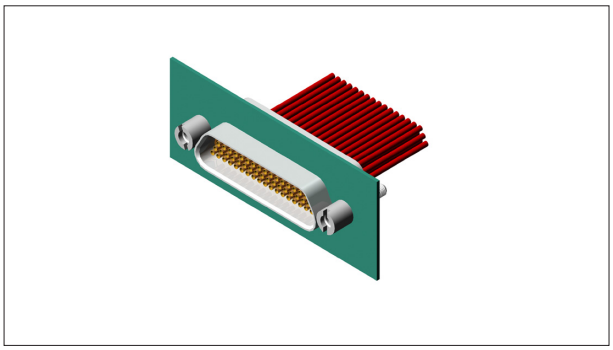



· Compatible with types P, P1, P8, P9

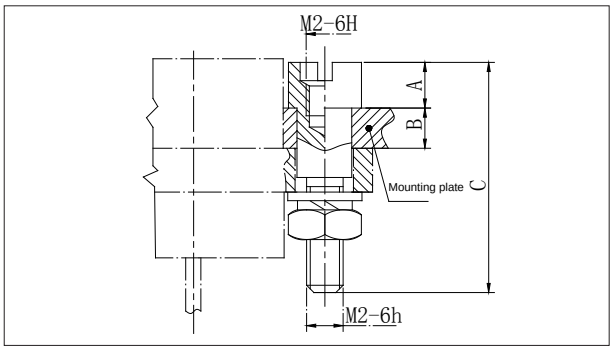
| J30J fixed-end locking accessory | A | B | C | Compatible J30J free-end locking accessories |
|---|---|---|---|---|
| Type P | M2-6H | M2-6h | 12.6 | Types L, L7, L9, K |
| Type P1 | #2-56UNC-2B | #2-56UNC-2A | 12.6 | Types L8, K1 |
| Type P8 | M2-6H | M2-6h | 15.6 | Types L, L7, L9, K |
| Type P9 | M2-6H | M2-6h | 21.6 | Types L, L7, L9, K |

· Types P0, P3, P4, P11, P45 locking accessories
· Types P0, P3, P4, P11, P45 locking accessories are for rear-panel mounting only.

### Assembly Diagram



### Outline Dimensions



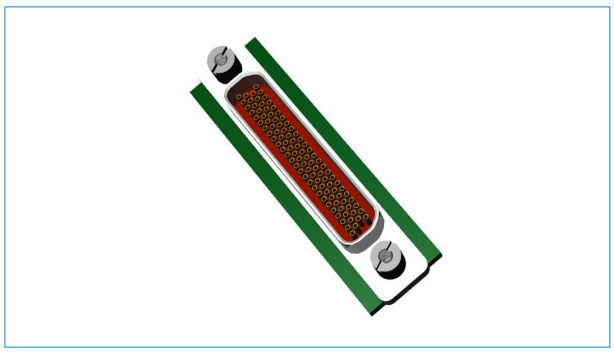

· Compatibility and outline dimensions of types P0, P3, P4, P11, P45

| J30J fixed-end locking accessory | A | B | C | Compatible J30J free-end locking accessories |
|---|---|---|---|---|
| Type P0 | 4.1 | 0.6 | 12.6 | Types L, L7, L9, K |
| Type P3 | 3.3 | 1.4 | 12.6 | Types L, L7, L9, K |
| Type P4 | 2.5 | 2.2 | 12.6 | Types L, L7, L9, K |
| Type P11 | 1.3 | 3.4 | 12.6 | Types L, L7, L9, K |
| Type P45 | 2.7 | 2 | 20 | Types L, L7, L9, K |

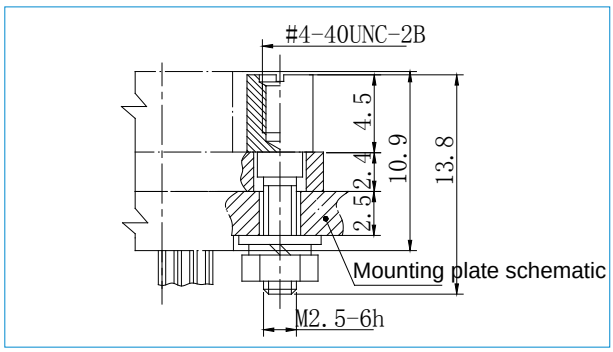
## J30J Locking Accessories \ J30J Fixed-End Locking Accessories

· Type P31 locking accessory

### Assembly Diagram



### Outline Dimensions



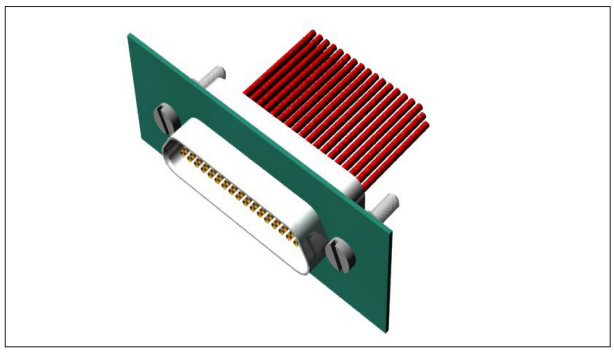

· Application conditions and compatibility of the type P31 locking accessory

| J30J free-end locking accessory | Application conditions and compatible J30J fixed-end locking accessories |
|---|---|
| Type P31 | Only for J30J-100TJ-K/ZK-K products with a shell flange mounting hole diameter of 3.7.<br>May be used with types L2, L3 locking accessories. |

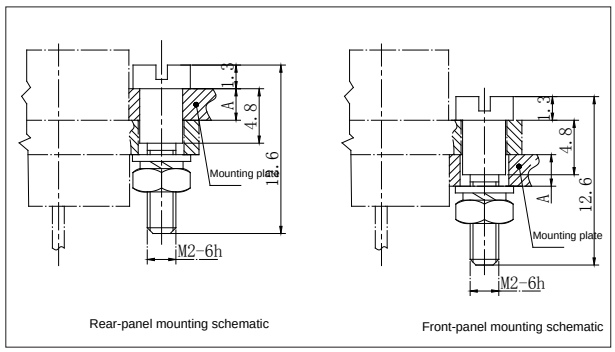
· Type P44 locking accessory

· The type P44 locking accessory is for front- or rear-panel mounting without locking to a free-end accessory; the permissible maximum mounting plate thickness depends on the application, as shown in the table below.

### Assembly Diagram



### Outline Dimensions




· Applications of the type P44 locking accessory and permissible mounting plate thickness range

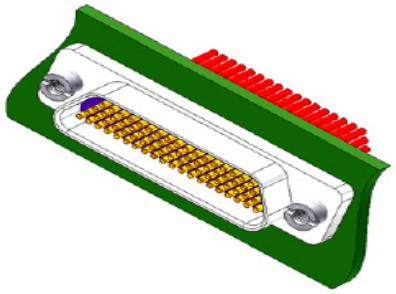
| Connector application | Range of maximum mounting plate thickness A |
|---|---|
| Connector rear-panel mounted, mating end without fixed-end locking accessory. | 3.4max |
| Front-panel mounting. | 2.5 ~ 3.5 |
| Connector rear-panel mounted, mating end also with fixed-end locking accessory. | A = 4.9 - 1.3 - (distance from mating-end screw face to flange face) |

## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For J30JM sealed products

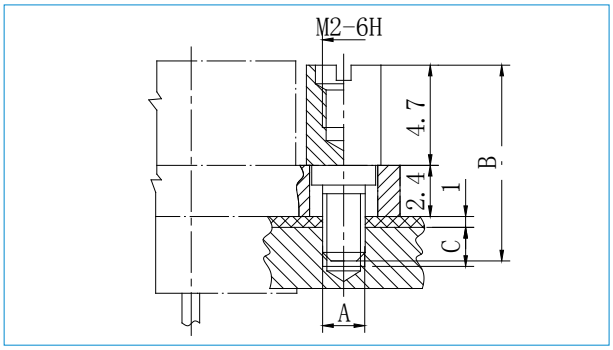
· The fixed-end mounting screws for J30JM sealed products are mainly P29, P36, P37 and P43, for front-panel mounting only.

· Types P29, P36, P37, P43 locking accessories

### Assembly Diagram



### Outline Dimensions




· Compatible with types P29, P36, P37, P43

| J30J fixed-end locking accessory | A | B | C | Compatible J30J free-end locking accessories |
|---|---|---|---|---|
| Type P29 | M3-6h | 10.5 | 3.3min | Types L, L7, L9, K |
| Type P36 | M3-6h | 14.7 | 7min | Types L, L7, L9, K |
| Type P37 | M2-6h | 10 | 2.8min | Types L, L7, L9, K |
| Type P43 | M3-6h | 11.7 | 4min | Types L, L7, L9, K |

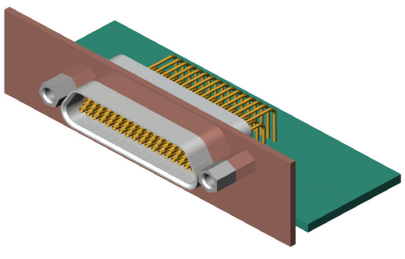
## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For right-angle PCB products

· The locking accessories for right-angle PCB products are mainly types P2, P14, P7, P42, P15, P35 and V1.

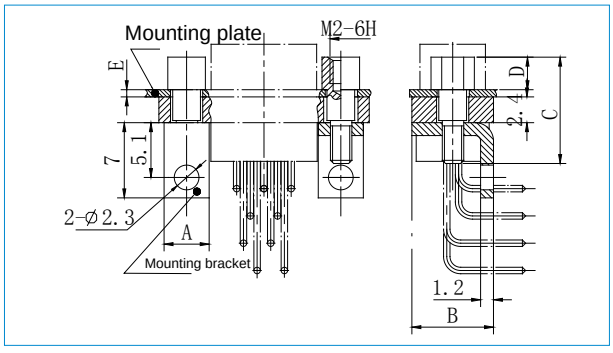
· Types P2, P14 locking accessories

· Types P2, P14 locking accessories are for rear-panel mounted 90° right-angle PCB products.

### Assembly Diagram



### Outline Dimensions



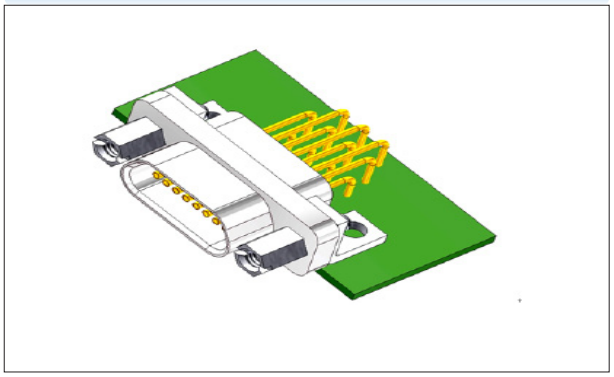

· Compatible with types P2, P14

| P2, P14 fixed-end locking Contact counts of applicable products | A | B | C | | D | | E | | Compatible J30J Free-end locking accessory |
|---|---|---|---|---|---|---|---|---|---|
| | | | P2 | P14 | P2 | P14 | P2 | P14 | |
| 9 to 37 | 4.2 | 7.6 | 11.6 | 10.7 | 3.7 | 1.7 | 1 | 3 | Types L, L7, L9, K |
| 51 | 4.2 | 8.7 | 11.6 | 10.7 | 3.7 | 1.7 | 1 | 3 | Types L, L7, L9, K |
| 74 | 4.2 | 9.7 | 11.6 | 10.7 | 3.7 | 1.7 | 1 | 3 | Types L, L7, L9, K |
| 100 | 8.8 | 9.7 | 11.6 | 10.7 | 3.7 | 1.7 | 1 | 3 | Types L, L7, L9, K |

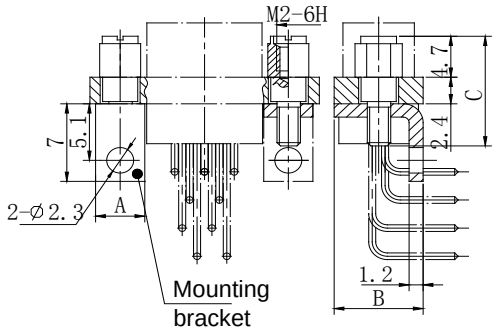
## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For right-angle PCB products

· Types P7, P42 locking accessories
· Types P7, P42 locking accessories are for front-panel mounting of 90° right-angle PCB products only.

### Assembly Diagram



### Outline Dimensions

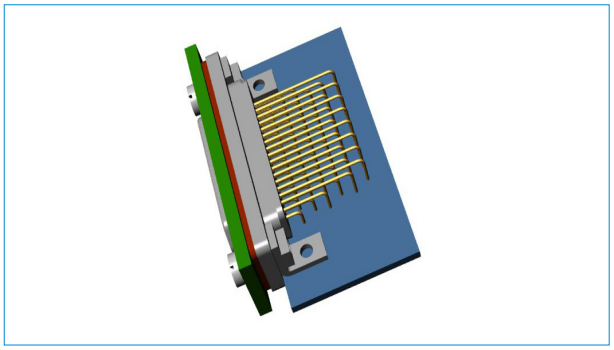



· Compatible with types P7, P42

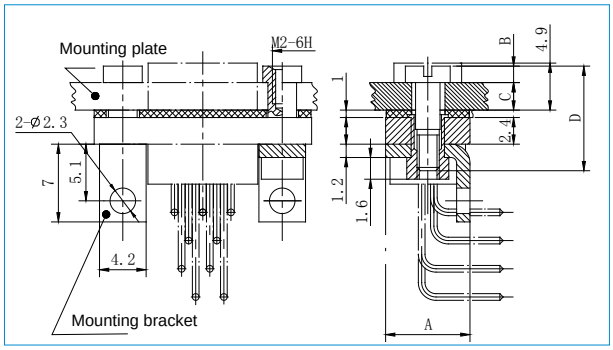
| P7, P42 fixed-end locking<br>Contact counts of applicable products | A | B | C | | Compatible J30J free-end locking accessories |
|---|---|---|---|---|---|
| | | | P7 | P42 | |
| 9 to 37 | 4.2 | 7.6 | 10.7 | 9.7 | Types L, L7, L9, K |
| 51 | 4.2 | 8.7 | 10.7 | 9.7 | |
| 74 | 4.2 | 9.7 | 10.7 | 9.7 | |
| 100 | 8.8 | 9.7 | 10.7 | 9.7 | |

· Types P15, P35 locking accessories
· Types P15, P35 locking accessories are for J30J-TJW-Q8/ZKW-Q8 right-angle PCB products, rear-panel mounted.

### Assembly Diagram



### Outline Dimensions




· Compatible with types P15, P35

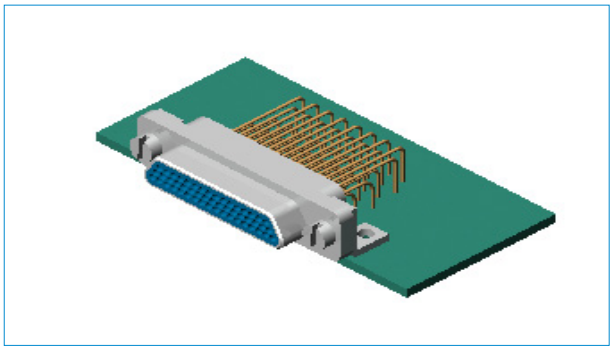
| P15, P35 fixed-end locking<br>Contact counts of applicable products | A | B | | C | | D | | Compatible J30J<br>Free-end locking accessory |
|---|---|---|---|---|---|---|---|---|
| | | P15 | P35 | P15 | P35 | P15 | P35 | |
| 9 to 37 | 7.6 | 1.9 | 2.4 | 2.5 | 1.8 | 9.7 | 9.5 | Types L, L7, L9, K |
| 51 | 8.7 | 1.9 | 2.4 | 2.5 | 1.8 | 9.7 | 9.5 | |

## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For right-angle PCB products

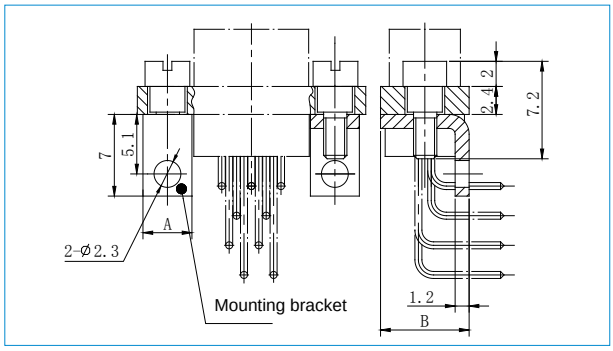
· Type V1 locking accessory

· The type V1 locking accessory is only for right-angle PCB products where no locking between plug and receptacle is required.

### Assembly Diagram



### Outline Dimensions




· Type V1 locking accessory mounting schematic

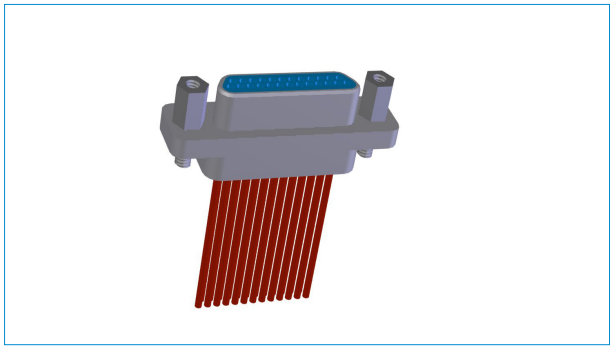
| Contact counts of applicable products | A | B |
|---|---|---|
| 9 to 37 | 4.2 | 7.6 |
| 51 | 4.2 | 8.7 |
| 74 | 4.2 | 9.7 |
| 100 | 8.8 | 9.7 |

## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For J30JD products

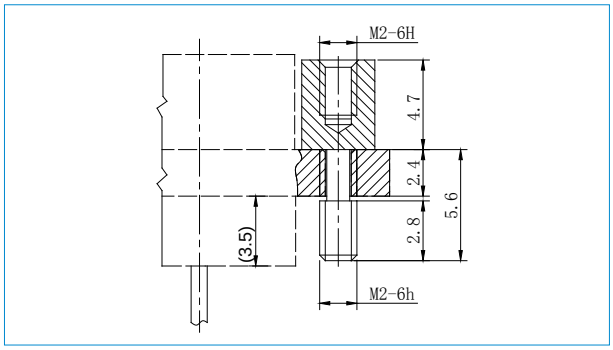
· The fixed-end mounting screw for J30JD products is mainly P46, for front-panel mounting only.

· Type P46 locking accessory

### Assembly Diagram



### Outline Dimensions




· Application conditions and compatibility of the type P46 locking accessory

| J30J free-end locking accessory | Application conditions and compatible J30J fixed-end locking accessories |
|---|---|
| Type P46 | For use on J30JD products only.<br>May be used with types L, L7, L9, K locking accessories. |

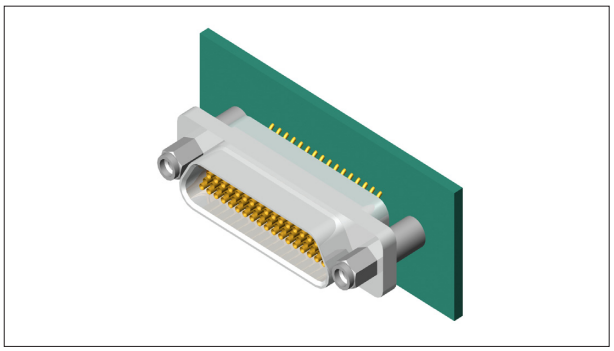
## J30J Locking Accessories \ J30J Fixed-End Locking Accessories \ For straight PCB products

· The locking accessories for straight PCB products are mainly types P5, P10, P23, P25, P17, P41 and V.

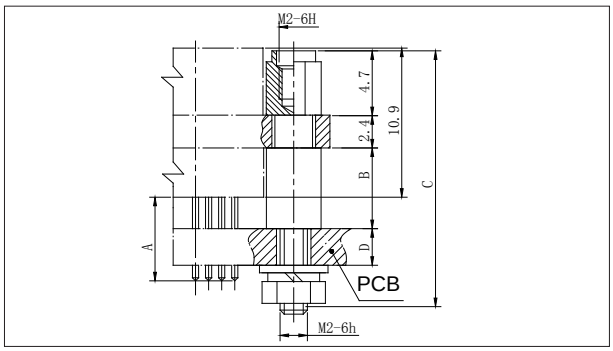
· Types P5, P10, P23, P25 locking accessories

· Types P5, P10, P23, P25 locking accessories are for front-panel mounting of straight PCB products with a board thickness of 1.6 to 2.5 only.

### Assembly Diagram



### Outline Dimensions



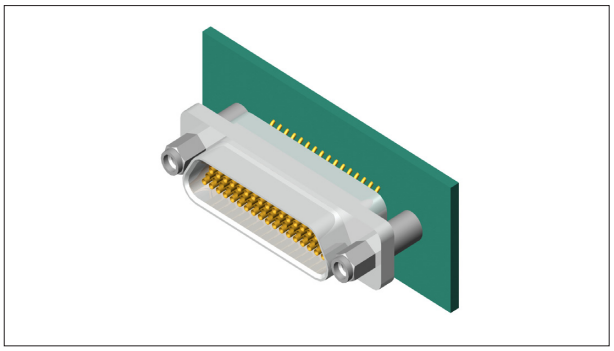

· Compatible with types P5, P10, P23, P25

| J30J fixed-end Locking accessory | A | B | C | Applicable PCB thickness range | Compatible J30J free-end locking accessory |
|---|---|---|---|---|---|
| Type P5 | 5.7 | 5.9 | 18.6 | 1.6~2.5 | Types L, L7, L9, K |
| Type P10 | 8 | 8.4 | 20.5 | 1.6~2.5 | |
| Type P25 | 5.7 | 5.9 | 20.5 | 1.6~2.5 | |
| | 8 | 5.9 | 20.5 | 1.6~4.8 | |
| Type P23 | 5.7 | 5.9 | 17.8 | 1.6 | |

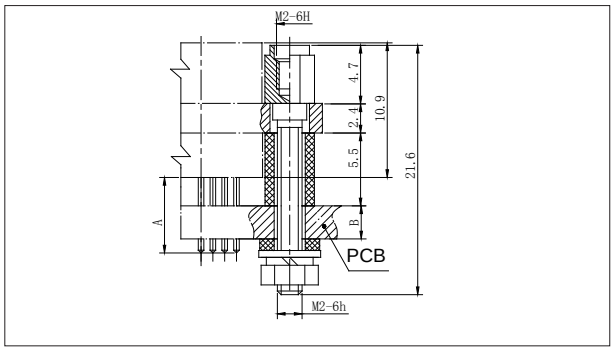
Note: the type P10 locking accessory may only be used with J30J-9 to 37 TJN8 products; it cannot be used with J30J-TJN/ZKN, J30J-TJN-J/ZKN-J and similar products whose pin dimension A is 5.7.

· Type P17 locking accessory

### Assembly Diagram



### Outline Dimensions



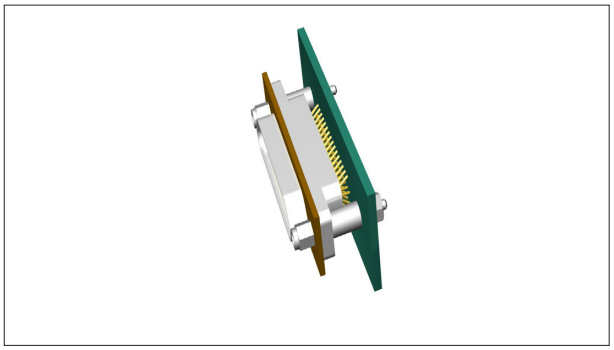

· Compatible with type P17

| J30J fixed-end Locking accessory | A | Applicable PCB thickness range B | Compatible J30J free-end Locking accessory | Applicable products |
|---|---|---|---|---|
| Type P17 | 5.7 | 1.6 to 3 | Types L, L7, L9, K | J30J-9 to 51 TJN/ZKN, J30J-9 to 100 TJN/ZKN-J |
| | 7.2 | 1.6 to 4.5 | | J30J-9 to 51 TJN4/ZKN4, J30J-9 to 100 ZKN4-J |

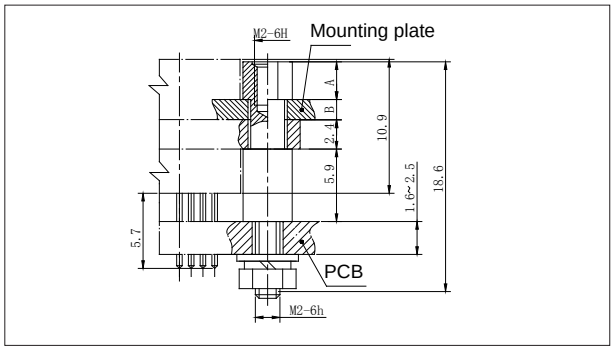
· Types P32, P41 locking accessories

· Types P32, P41 locking accessories are for rear-panel mounted straight PCB products with a board thickness of 1.6 to 2.5.

## Assembly Diagram



## Outline Dimensions



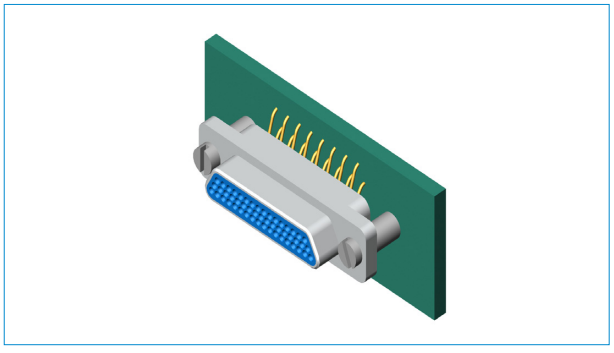

· Compatible with types P32, P41

| J30J fixed-end locking accessory | A | B | Compatible J30J free-end locking accessories |
|---|---|---|---|
| Type P32 | 2.7 | 2 | Types L, L7, L9, K |
| Type P41 | 3.2 | 1.5 | Types L, L7, L9, K |

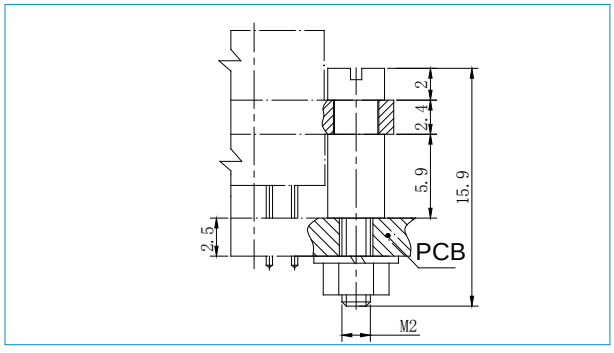
· Type V locking accessory

· The type V locking accessory is for straight PCB products where no locking between plug and receptacle is required, with a board thickness not greater than 2.5 mm.

## Assembly Diagram



## Outline Dimensions

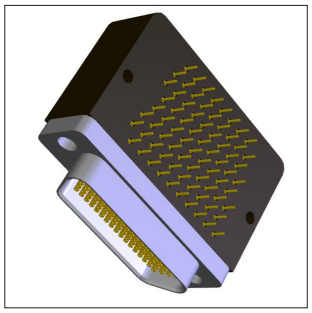


## J30J-74 way special right-angle PCB product

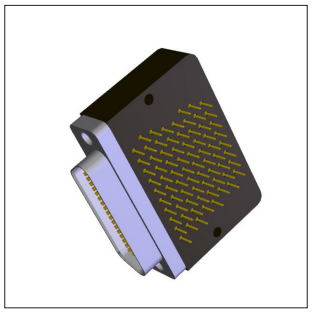
· Special right-angle PCB products with a pin grid pitch of 2.54 x 2.54. These are suitable for rear-panel mounting only, not front-panel mounting.

· Receptacles J30J-74ZKW-S, J30J-74ZKW4-S, J30J-74ZKW(14)-S, J30J-74ZKW4(14)-S

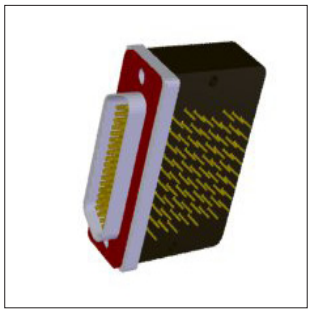
### 3D View



J30J-74ZKW-S

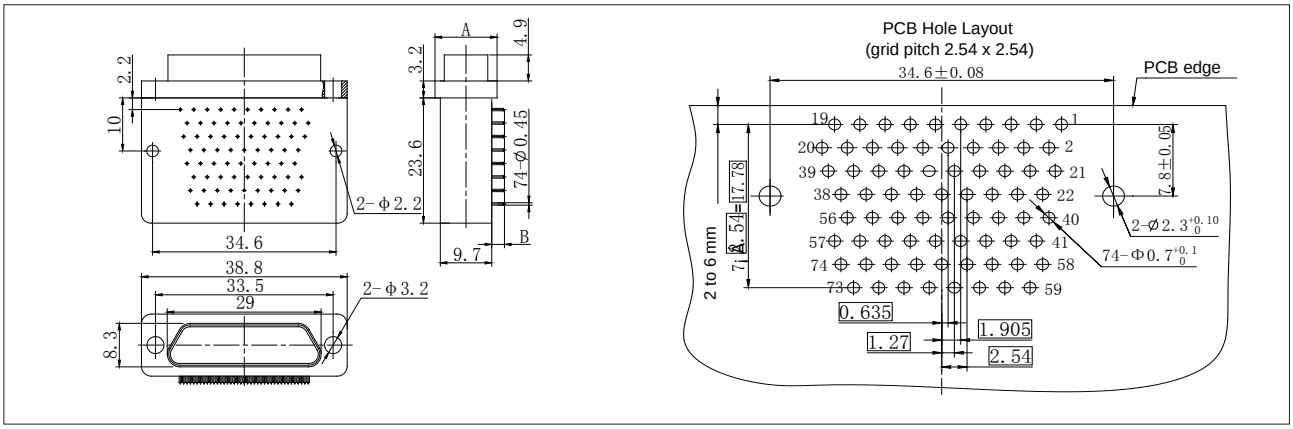


J30J-74ZKW4-S



J30J-74ZKW4 (14)-S

### Outline Dimensions



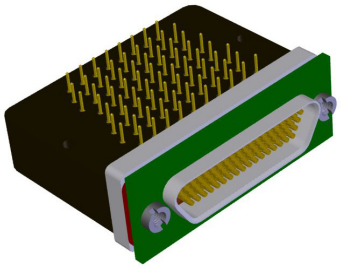

| Receptacle assembly | A | B | Remarks |
|---|---|---|---|
| J30J-74ZKW-S | 9.7 | 2.4 | J30J-74ZKW(14)-S and J30J-74ZKW4(14)-S are fitted with a rubber gasket on the shell flange, whereas J30J-74ZKW-S and J30J-74ZKW4-S are not. The products listed in this table can be fitted with the mounting screws listed after this clause. |
| J30J-74ZKW (14)-S | 14 | 2.4 | |
| J30J-74ZKW4-S | 9.7 | 3.5 | |
| J30J-74ZKW4 (14)-S | 14 | 3.5 | |

## J30J-74 way special right-angle PCB product

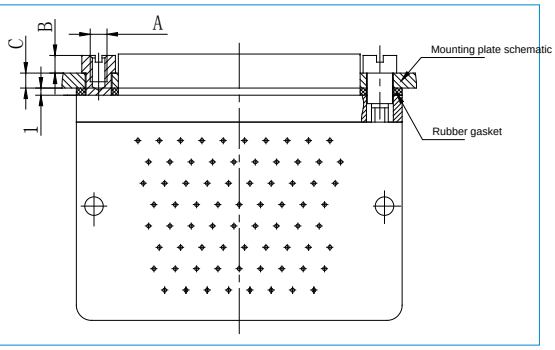
· With locking accessory

· J30J-74ZKW-S, J30J-74ZKW4-S, J30J-74ZKW(14)-S and J30J-74ZKW4(14)-S products can be fitted with the mounting screws of P4, P11 and similar locking accessories. The product part number still incorporates the locking accessory type, e.g. J30J-74ZKW-S fitted with a P4 type mounting screw becomes J30J-74ZKWP4-S. The mounting screws for each product and their applications are listed in the table below.

### Assembly Diagram



### Outline Dimensions




· J30J-74ZKW-S and J30J-74ZKW4-S products use the following mounting screws:

| J30J fixed-end Locking accessory | Mounting screw code | Thread size A | B | Mounting plate Thickness C | Remarks | Compatible J30J Free-end locking accessory |
|---|---|---|---|---|---|---|
| P | Ln8.919.034 | M2-6H | 4.7 | Without mounting plate | Without gasket | Types L, L7, L9, K |
| P0 | Ln8.919.077 | M2-6H | 4.1 | 0.6 | Without gasket | Types L, L7, L9, K |
| P3 | Ln8.919.078 | M2-6H | 3.3 | 1.4 | Without gasket | Types L, L7, L9, K |
| P4 | Ln8.919.057 | M2-6H | 2.5 | 2.2 | Without gasket | Types L, L7, L9, K |
| P11 | Ln8.919.076 | M2-6H | 1.3 | 3.4 | Without gasket | Types L, L7, L9, K |
| P1 | Ln8.919.027 | #2-56UNC-2B | 4.7 | Without mounting plate | Without gasket | Types L8, K1 |

· J30J-74ZKW(14)-S and J30J-74ZKW4(14)-S products use the following mounting screws:

| J30J fixed-end Locking accessory | Mounting screw code | Thread size A | B | Mounting plate Thickness C | Remarks | Compatible J30J Free-end locking accessory |
|---|---|---|---|---|---|---|
| P4 | Ln8.919.057 | M2-6H | 2.5 | 1.4~1.6 | Product with rubber gasket | Types L, L7, L9, K |
| P11 | Ln8.919.076 | M2-6H | 1.3 | 2.6~2.8 | Product with rubber gasket | Types L, L7, L9, K |

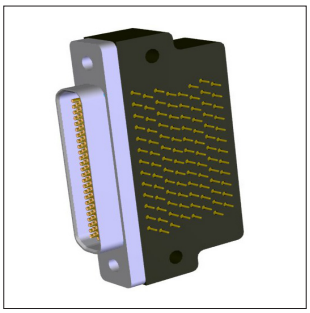
Note: owing to the special structure, the mounting holes of the above products are shipped with V1 type Ln8.919.080 mounting screws fitted; the screws specified in the part number are packed separately and supplied with the connector for the user to fit; the removed screws are no longer needed and may be discarded.

## J30J-100 way special right-angle PCB product

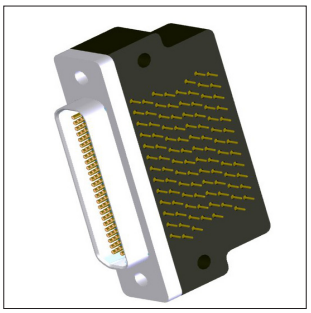
· Special right-angle PCB products with a pin grid pitch of 2.54 x 2.54. These are suitable for rear-panel mounting only, not front-panel mounting.

· Receptacles J30J-100ZKW-S, J30J-100ZKW(12)-S, J30J-100ZKW(14)-S,
J30J-100ZKW4-S, J30J-100ZKW4(12)-S, J30J-100ZKW4(14)-S

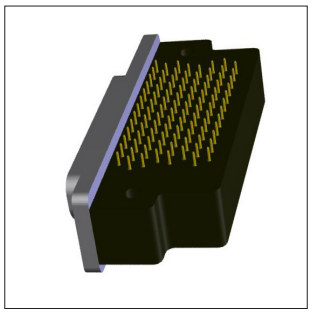
## 3D View



J30J-100ZKW-S

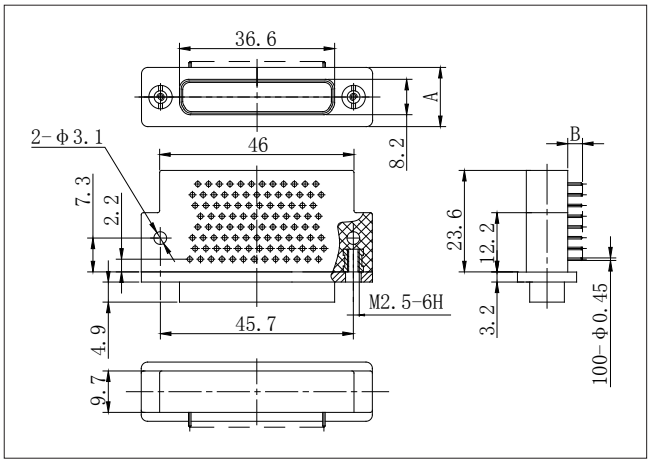


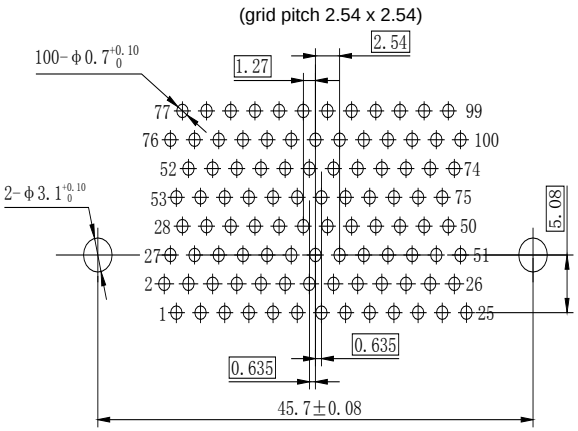
J30J-100ZKW4 (12)-S



J30J-100ZKW (14)-S

## Outline Dimensions




| How to Order | A | B |
|---|---|---|
| J30J-100ZKW-S | 9.7 | 2.4 |
| J30J-100ZKW (12)-S | 12 | 2.4 |
| J30J-100ZKW (14)-S | 14 | 2.4 |
| J30J-100ZKW4-S | 9.7 | 3.5 |
| J30J-100ZKW4 (12)-S | 12 | 3.5 |
| J30J-100ZKW4 (14)-S | 14 | 3.5 |

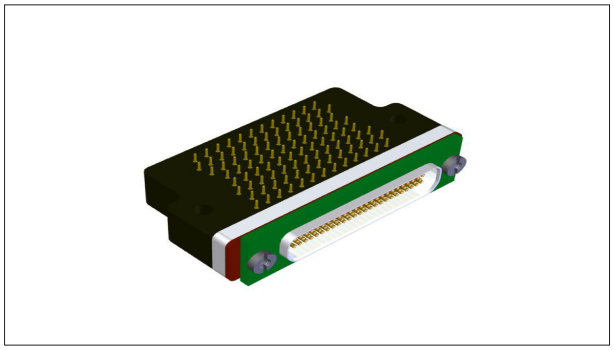
Note: the locking accessories for the products listed above are all of special configuration, mainly P16, P26, P34, P39 and P12; the 3D assembly views and outline dimensions of these accessories are given after this clause.

## J30J-100 way special right-angle PCB product

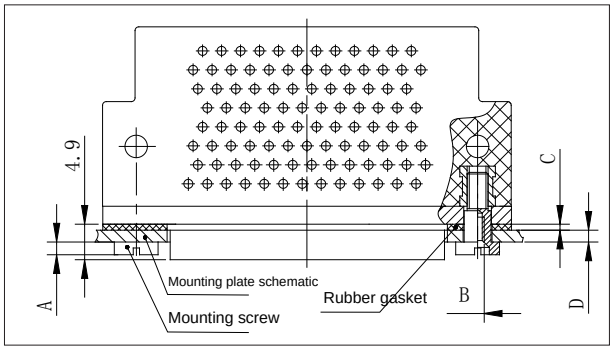
· With locking accessory

· J30J-100ZKW-S, J30J-100ZKW4-S, J30J-100ZKW(12)-S, J30J-100ZKW4(12)-S, J30J-100ZKW (14)-S and J30J-100ZKW4(14)-S products can be fitted with P16, P26, P34, P39, P12 and similar locking accessories. The product part number is determined by the locking accessory type added, e.g. J30J-100ZKW4(14)-S fitted with a P16 type mounting screw becomes J30J-100ZKW4(14)P16-S. The rest are analogous.

### Assembly Diagram



### Outline Dimensions




· Compatible with types P16, P26, P34, P39, P12

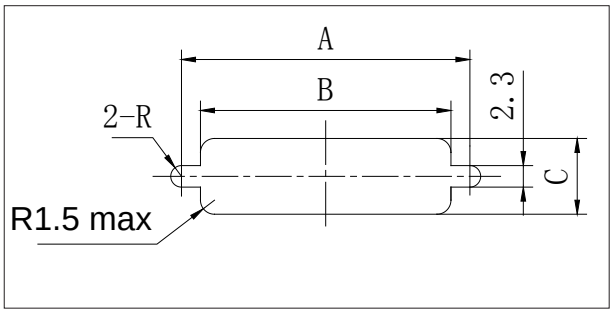
| J30J fixed-end Locking accessory | A | B | Rubber gasket Thickness C | Mounting plate Thickness D | Note | Compatible J30J Free-end locking accessory |
|---|---|---|---|---|---|---|
| Type P16 | 1.6 | #4-40UNC-2B | 1 | 2~2.4 | With gasket | Types L2, L3 |
| Type P26 | 1.6 | M2.5-6H | —— | 2.8 | Without gasket | Types L, L7, L9, K |
| Type P34 | 3 | #4-40UNC-2B | 1 | 1.8~2 | With gasket | Types L2, L3 |
| Type P39 | 3 | M2-6H | —— | 1.6~1.8 | Without gasket | Types L, L7, L9, K |
| Type P12 | 4.1 | #4-40UNC-2B | —— | 0.6~0.8 | Without gasket | Types L2, L3 |

Note: owing to the special structure, the mounting holes of the above products are shipped with GB818 M2.5 x 6 stainless steel screws fitted; the screws specified in the part number are packed separately and supplied with the connector for the user to fit; the removed screws are no longer needed and may be discarded.

## J30J Series Micro Rectangular Electrical Connectors \ Mounting Hole Dimensions

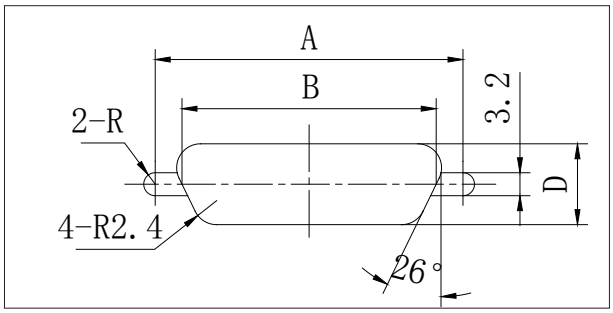
· J30J-TJ/ZK J30J-TJ/ZK-D J30J-TJ/ZK-G J30J-TJ/ZK(9.6) J30J-TJ/ZK(11.6)
J30J-TJ/ZK(0.07) J30JC-TJ/ZK J30JM-ZK J30JM-ZKS J30JM1-ZKS

### Mounting Hole Dimensions




Front-panel mounting hole dimensions

### Mounting Hole Dimensions



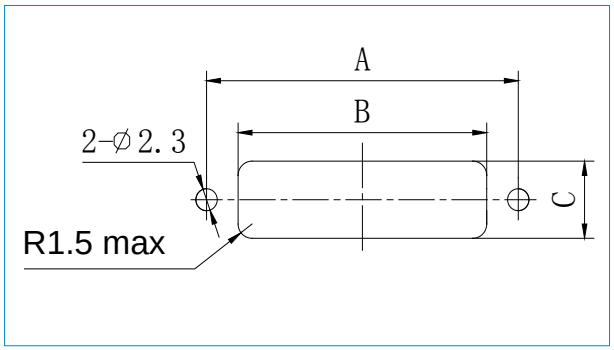

Rear-panel mounting hole dimensions

| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 14.3 | 10.2 | 7 | 6.3 | 37 way | 32.2 | 28.1 | 7 | 6.3 |
| 15 way | 18.2 | 14.1 | 7 | 6.3 | 51 way | 30.86 | 26.9 | 8.1 | 7.4 |
| 21 way | 22 | 17.9 | 7 | 6.3 | 66 way | 37.3 | 33.4 | 8.1 | 7.4 |
| 25 way | 24.5 | 20.5 | 7 | 6.3 | 74 way | 33.5 | 29.4 | 9.3 | 8.6 |
| 31 way | 28.3 | 24.3 | 7 | 6.3 | 100 way | 45.7 | 37 | 9.3 | 8.6 |

Note: because J30JM-ZK, J30JM-ZKS and J30JM1-ZK are sealed products, although the mounting plate holes shown above allow the product to be fitted, the sealing effect may be lost if the mounting plate has through holes; therefore blind threaded holes are recommended for the mounting plate holes of these products in front-panel mounting.

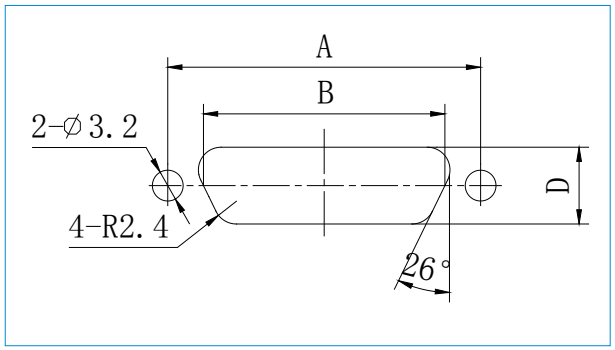
· J30J-TJ/ZK-Q, J30J-TJ/ZK-GQ, J30JC-ZK-Q

### Mounting Hole Dimensions




Front-panel mounting hole dimensions

### Mounting Hole Dimensions

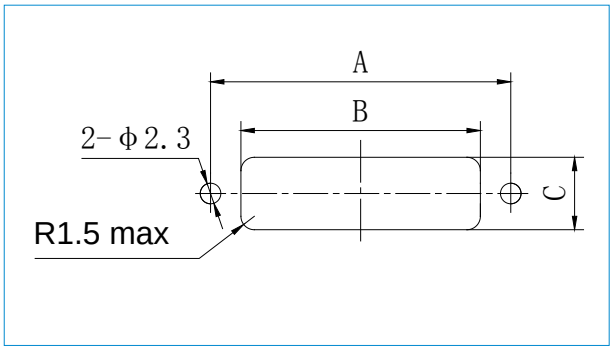



Rear-panel mounting hole dimensions

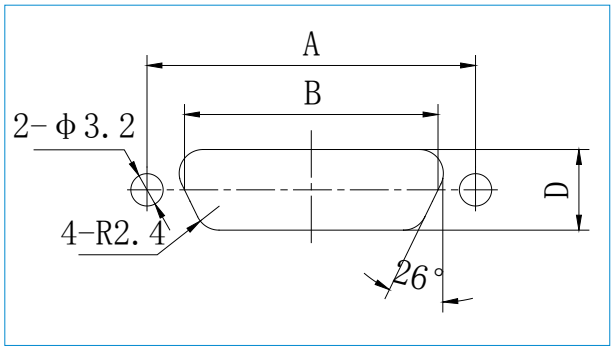
| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 21 | 10.2 | 7 | 6.3 | 37 way | 38.9 | 28.1 | 7 | 6.3 |
| 15 way | 24.9 | 14.1 | 7 | 6.3 | 51 way | 37.6 | 26.9 | 8.1 | 7.4 |
| 21 way | 28.7 | 17.9 | 7 | 6.3 | 66 way | 44 | 33.4 | 8.1 | 7.4 |
| 25 way | 31.2 | 20.5 | 7 | 6.3 | 74 way | 40.2 | 29.4 | 9.3 | 8.6 |
| 31 way | 35 | 24.3 | 7 | 6.3 | 100 way | 52.4 | 37 | 9.3 | 8.6 |

·J30J-TJ/ZK-Q8

## Mounting Hole Dimensions




## Mounting Hole Dimensions




Front-panel mounting hole dimensions

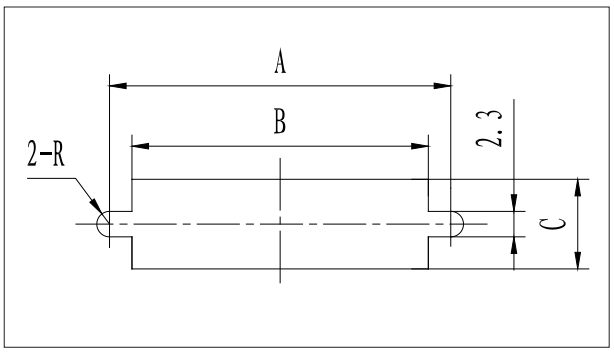
Rear-panel mounting hole dimensions

| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 16. 1 | 12 | 7 | 6. 3 | 31 way | 30. 1 | 26. 1 | 7 | 6. 3 |
| 15 way | 20 | 15. 9 | 7 | 6. 3 | 37 way | 34 | 29. 9 | 7 | 6. 3 |
| 21 way | 23. 8 | 19. 7 | 7 | 6. 3 | 51 way | 32. 6 | 28. 7 | 8. 1 | 7. 4 |
| 25 way | 26. 3 | 22. 3 | 7 | 6. 3 | | | | | |

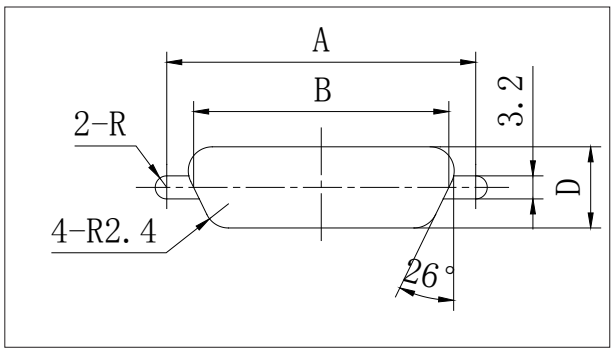
·J30J-TJ/ZK-A J30J-TJ/ZK-AD J30J-TJ/ZK-GA

J30J-TJ/ZK-A(9. 6) J30J-TJ/ZK-GA(11. 6) J30J-TJ/ZK-AD(11. 6)

## Mounting Hole Dimensions




## Mounting Hole Dimensions



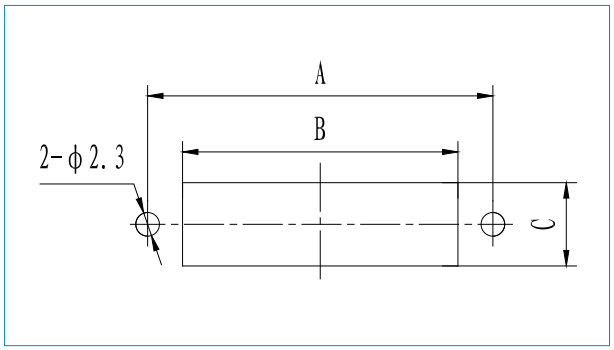

Front-panel mounting hole dimensions

Rear-panel mounting hole dimensions

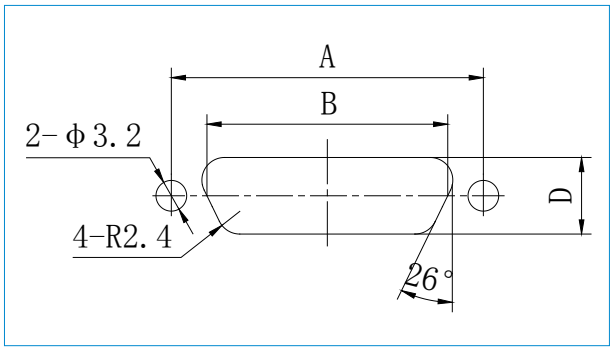
| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 14. 3 | 10. 2 | 8. 2 | 6. 3 | 37 way | 32. 2 | 28. 1 | 8. 2 | 6. 3 |
| 15 way | 18. 2 | 14. 1 | 8. 2 | 6. 3 | 51 way | 30. 86 | 26. 9 | 9. 2 | 7. 4 |
| 21 way | 22 | 17. 9 | 8. 2 | 6. 3 | 66 way | 37. 3 | 33. 4 | 9. 2 | 7. 4 |
| 25 way | 24. 5 | 20. 5 | 8. 2 | 6. 3 | 74 way | 33. 5 | 29. 4 | 11. 2 | 8. 6 |
| 31 way | 28. 3 | 24. 3 | 8. 2 | 6. 3 | 100 way | 45. 7 | 37 | 11. 2 | 8. 6 |

·J30J-TJ/ZK-AQ8

## Mounting Hole Dimensions




## Mounting Hole Dimensions



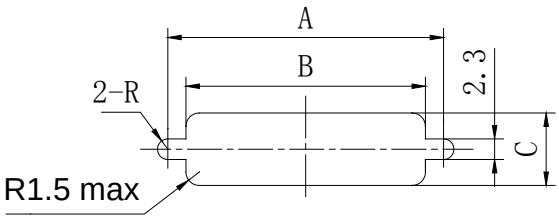

Front-panel mounting hole dimensions

Rear-panel mounting hole dimensions

| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 16.1 | 10.2 | 8.2 | 6.3 | 31 way | 30.1 | 24.3 | 8.2 | 6.3 |
| 15 way | 20 | 14.1 | 8.2 | 6.3 | 37 way | 34 | 28.1 | 8.2 | 6.3 |
| 21 way | 23.8 | 17.9 | 8.2 | 6.3 | 51 way | 32.6 | 26.9 | 9.2 | 7.4 |
| 25 way | 26.3 | 20.5 | 8.2 | 6.3 | | | | | |

·J30JA-ZK

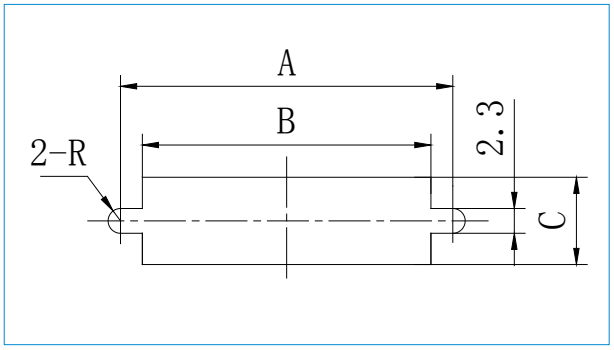
## Front-panel mounting hole dimensions




| Model | A | B | C | Model | A | B | C |
|---|---|---|---|---|---|---|---|
| 9 way | 18.6 | 10.2 | 7 | 37 way | 36.6 | 28.1 | 7 |
| 15 way | 22.6 | 14.1 | 7 | 51 way | 35.3 | 26.9 | 8.1 |
| 21 way | 26.3 | 17.9 | 7 | 74 way | 37.8 | 29.4 | 9.3 |
| 25 way | 28.9 | 20.5 | 7 | 100 way | 45.3 | 37 | 9.3 |
| 31 way | 32.7 | 24.3 | 7 | | | | |

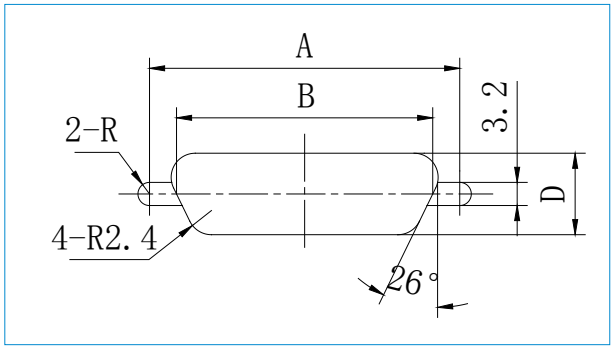
·J30J-TJ/ZK-C

## Mounting Hole Dimensions




Front-panel mounting hole dimensions

## Mounting Hole Dimensions



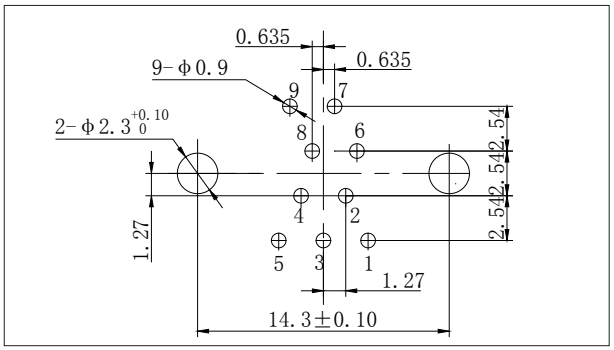

Rear-panel mounting hole dimensions

| Model | A | B | C | D | Model | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|
| 9 way | 14.3 | 10.2 | 8.2 | 6.3 | 37 way | 32.2 | 28.1 | 8.2 | 6.3 |
| 15 way | 18.2 | 14.1 | 8.2 | 6.3 | 51 way | 30.86 | 26.9 | 9.3 | 7.4 |
| 21 way | 22 | 17.9 | 8.2 | 6.3 | 66 way | 37.3 | 33.4 | 9.3 | 7.4 |
| 25 way | 24.5 | 20.5 | 8.2 | 6.3 | 74 way | 33.5 | 29.4 | 10.3 | 8.6 |
| 31 way | 28.3 | 24.3 | 8.2 | 6.3 | 100 way | 45.7 | 37 | 10.3 | 8.6 |

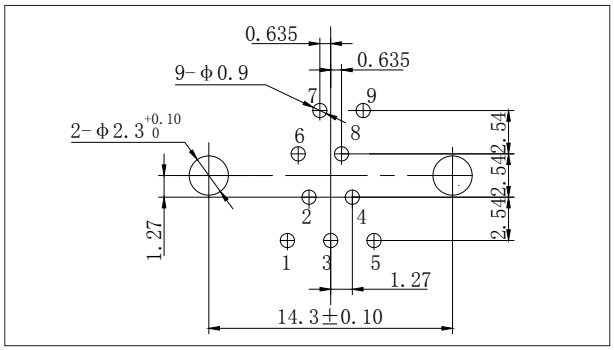
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30J straight PCB types N, N3, N4, N8

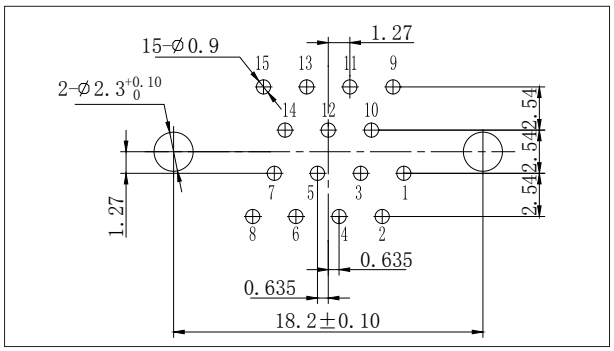
## PCB Mounting Hole Layout



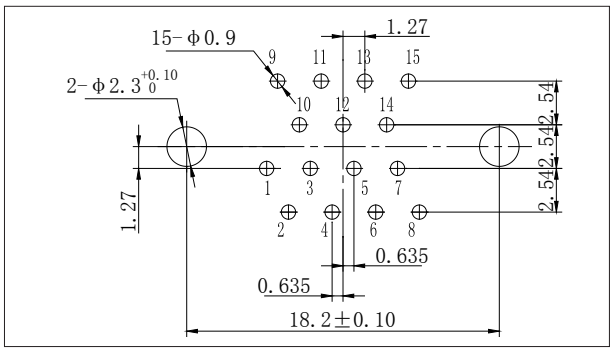

J30J-9TJN, TJN4, TJN8



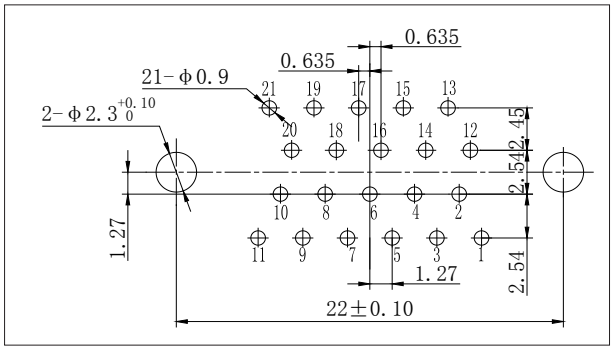

J30J-9ZKN, ZKN3, ZKN4



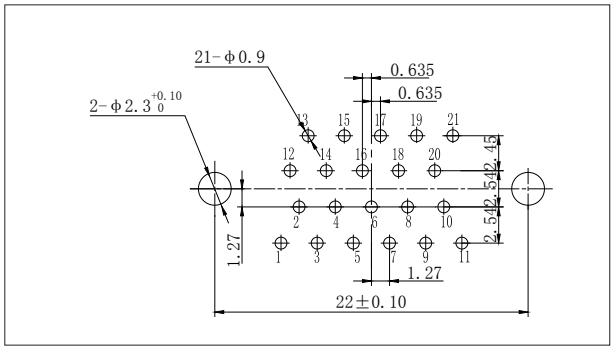

J30J-15TJN, TJN4, TJN8



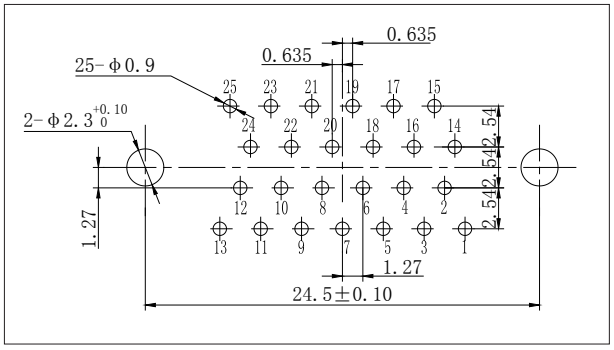

J30J-15ZKN, ZKN3, ZKN4



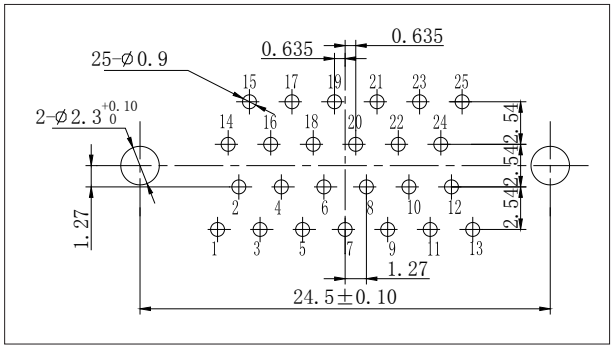

J30J-21TJN, TJN4, TJN8




J30J-21ZKN, ZKN3, ZKN4

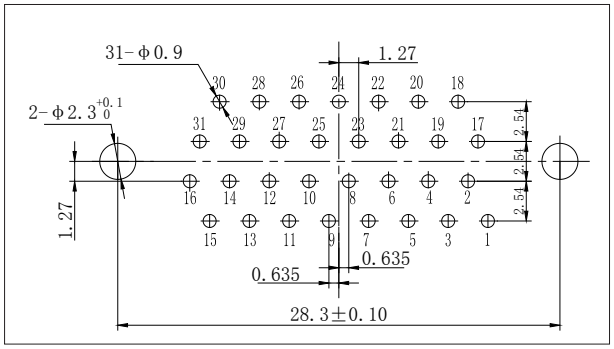



J30J-25TJN, TJN4, TJN8

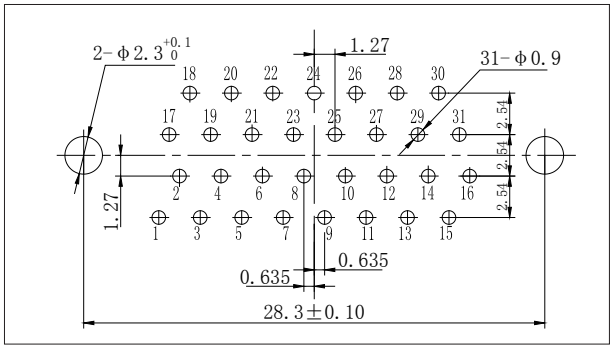



J30J-25ZKN, ZKN3, ZKN4

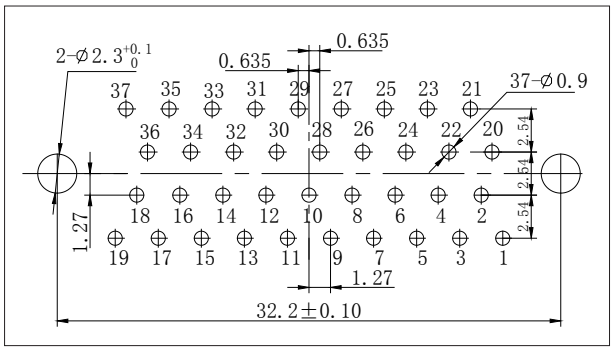
## PCB Mounting Hole Layout



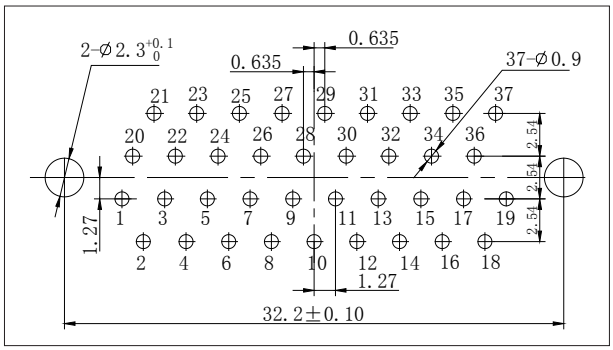

J30J-31TJN, TJN4, TJN8



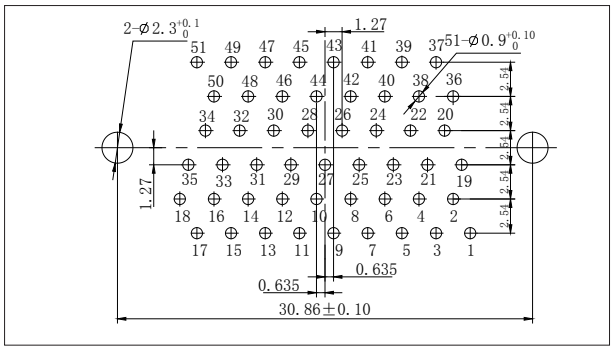

J30J-31ZKN, ZKN3, ZKN4



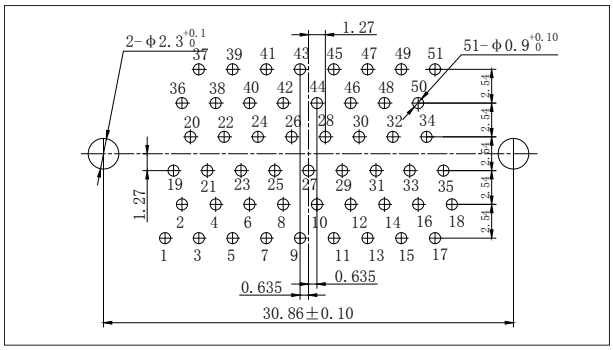

J30J-37TJN, TJN4, TJN8



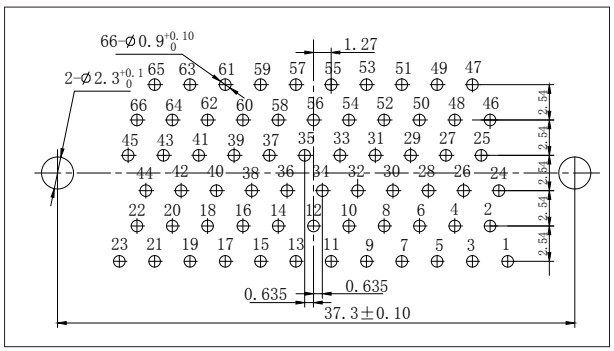

J30J-37ZKN, ZKN3, ZKN4



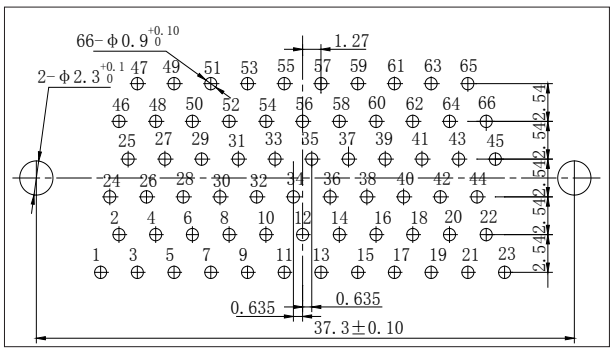

J30J-51TJN, TJN4




J30J-51ZKN, ZKN3, ZKN4




J30J-66TJN, TJN4

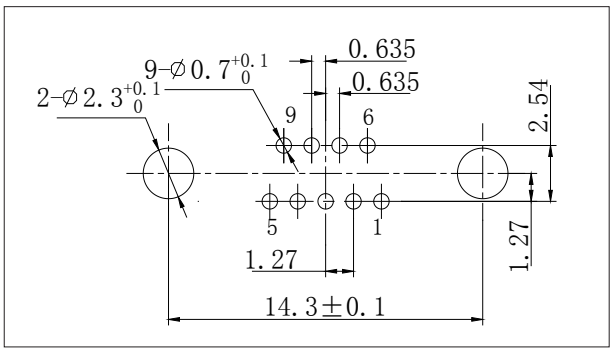



J30J-66ZKN, ZKN3, ZKN4

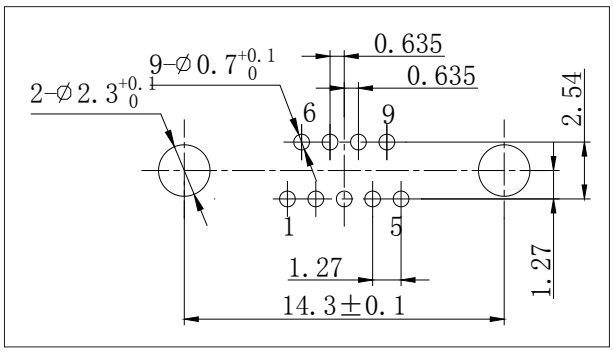
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30J straight PCB types N-J, N4-J

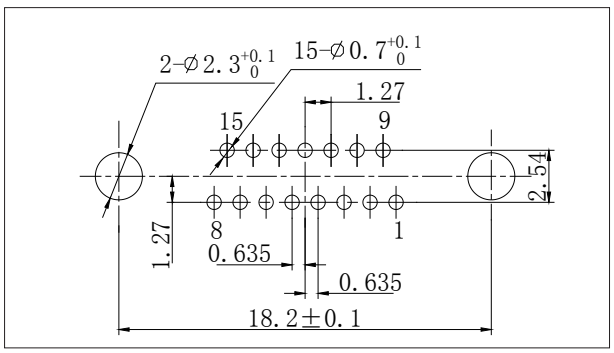
## PCB Mounting Hole Layout



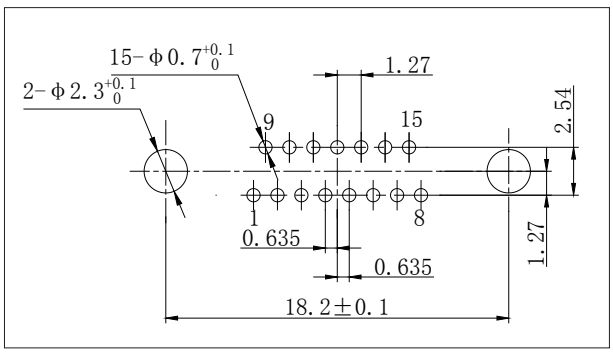

J30J-9TJN-J



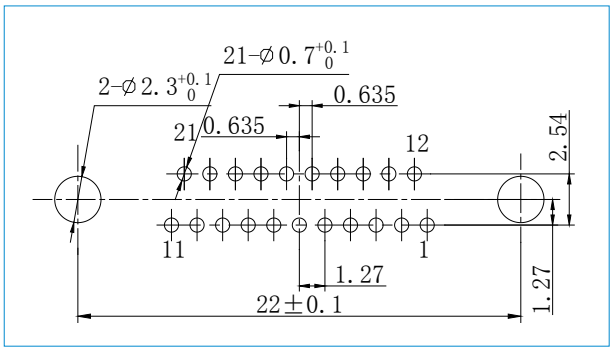

J30J-9ZKN-J, ZKN4-J



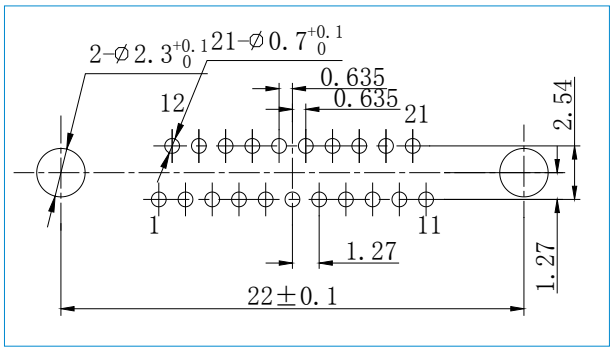

J30J-15TJN-J



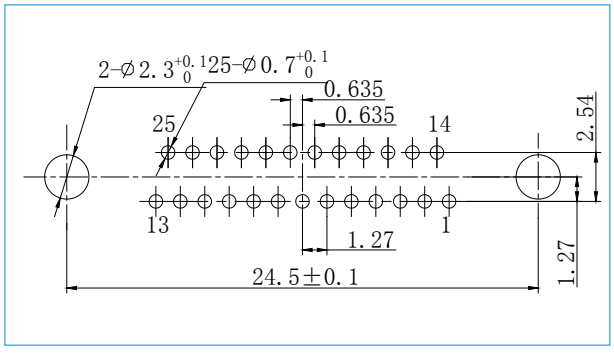

J30J-15ZKN-J, ZKN4-J



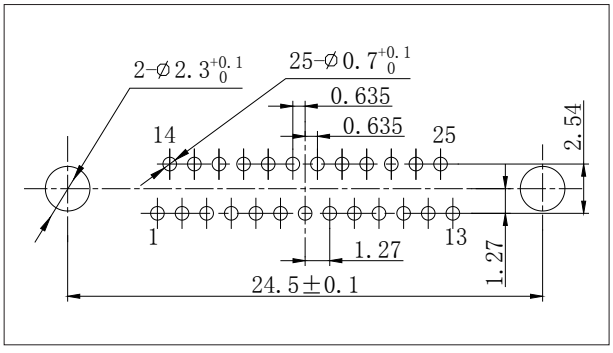

J30J-21TJN-J




J30J-21ZKN-J, ZKN4-J

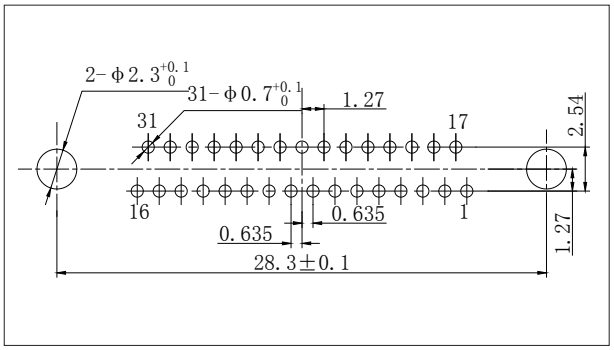



J30J-25TJN-J

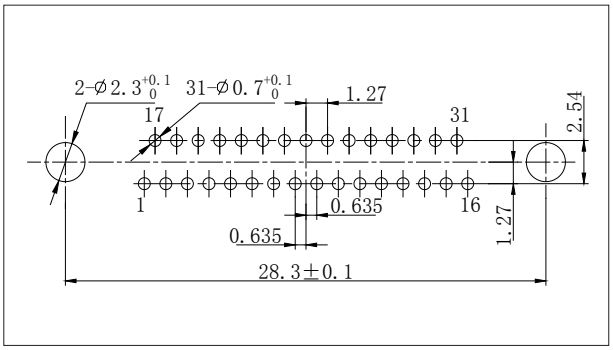



J30J-25ZKN-J, ZKN4-J

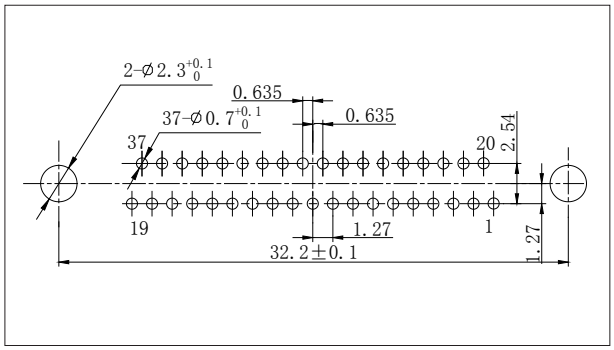
## PCB Mounting Hole Layout



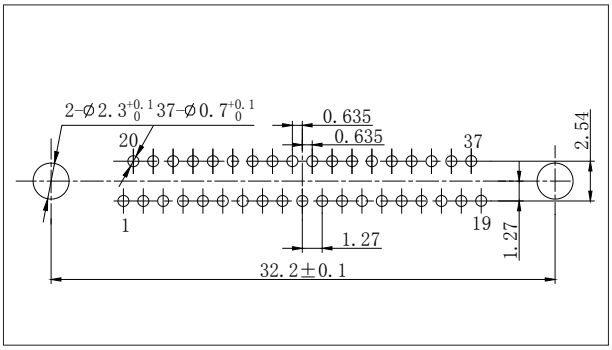

J30J-31TJN-J



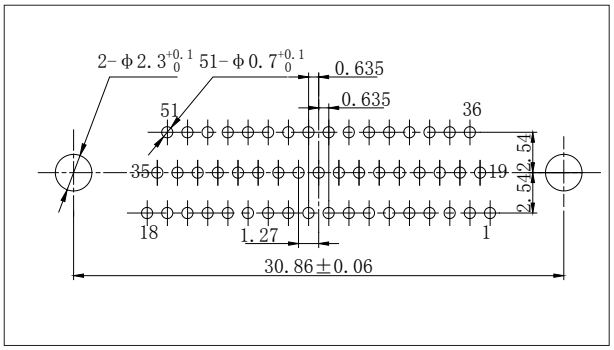

J30J-31ZKN-J, ZKN4-J



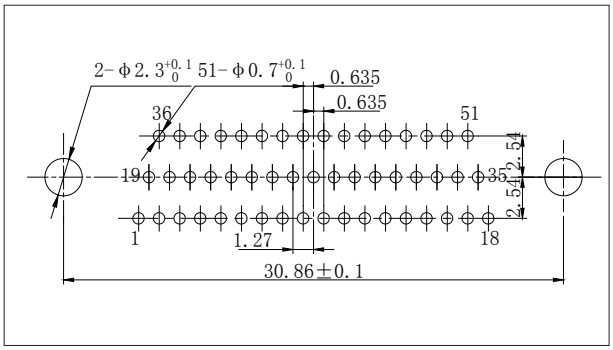

J30J-37TJN-J



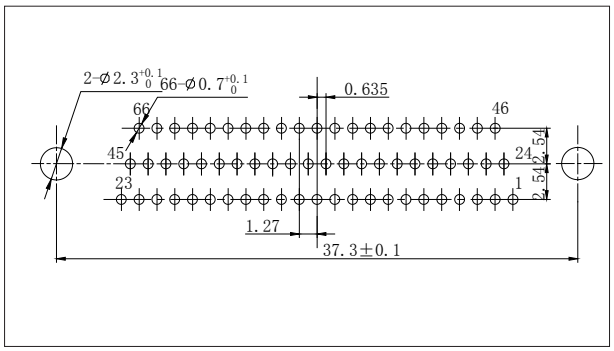

J30J-37ZKN-J, ZKN4-J



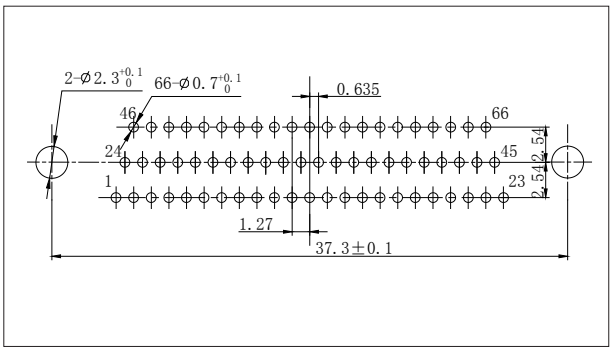

J30J-51TJN-J




J30J-51ZKN-J, ZKN4-J

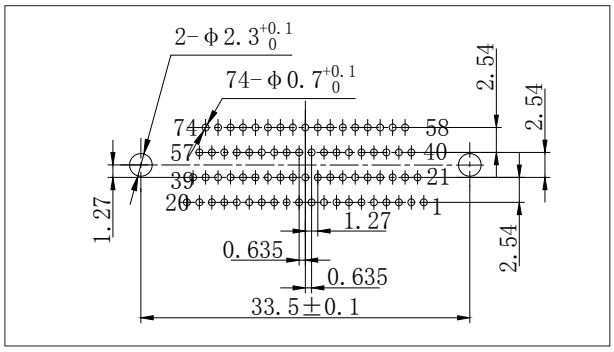



J30J-66TJN-J

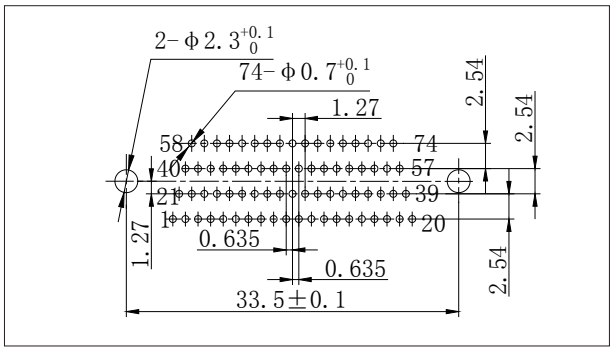



J30J-66ZKN-J, ZKN4-J

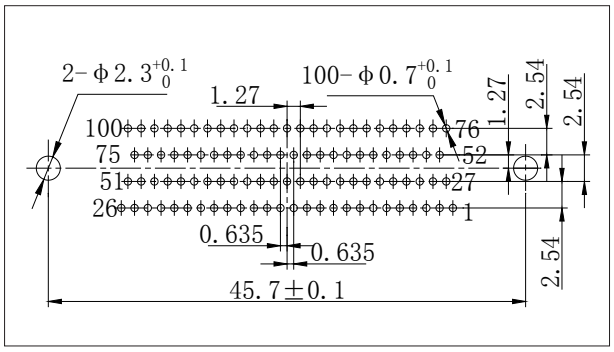
## PCB Mounting Hole Layout



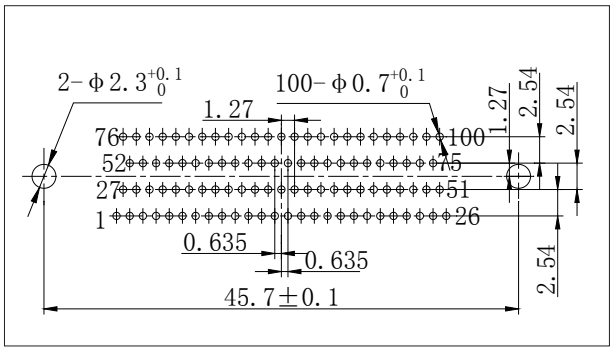

J30J-74TJN-J




J30J-74ZKN-J, ZKN4-J




J30J-100TJN-J

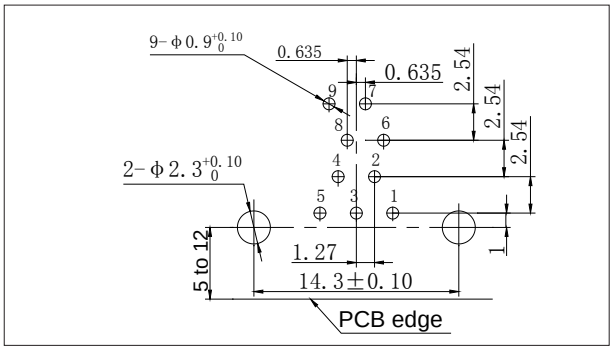



J30J-100ZKN-J, ZKN4-J

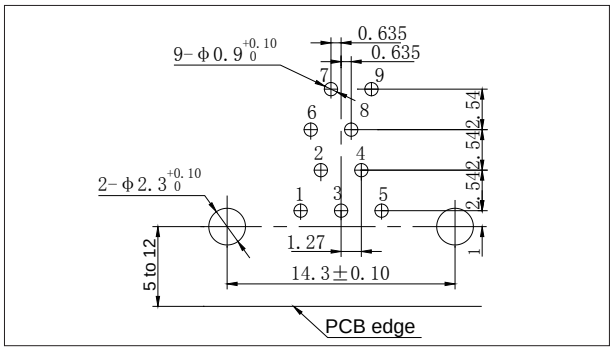
## J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30J right-angle PCB W type

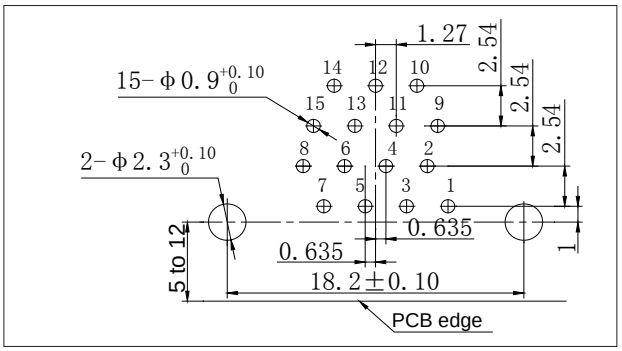
### PCB Mounting Hole Layout



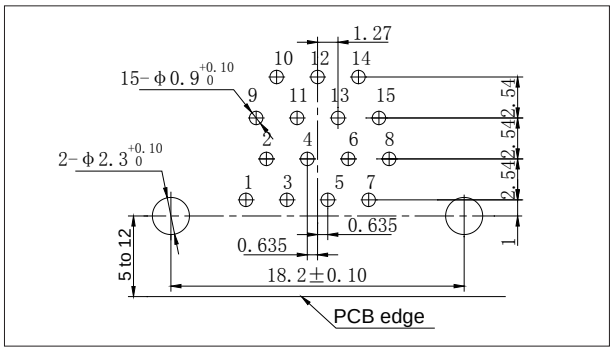

J30J-9TJW



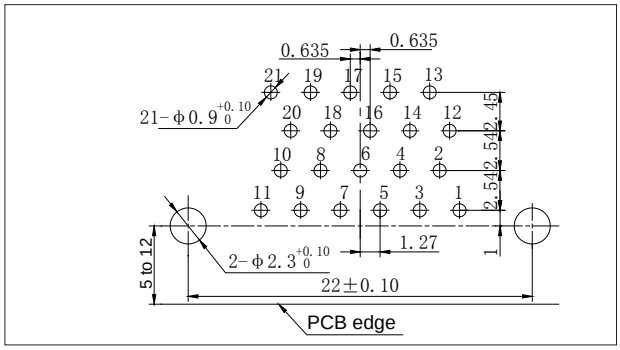

J30J-9ZKW



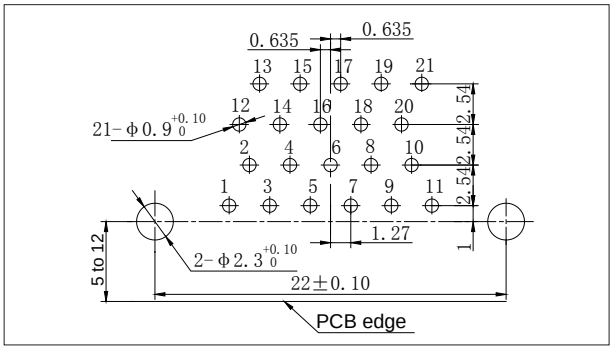

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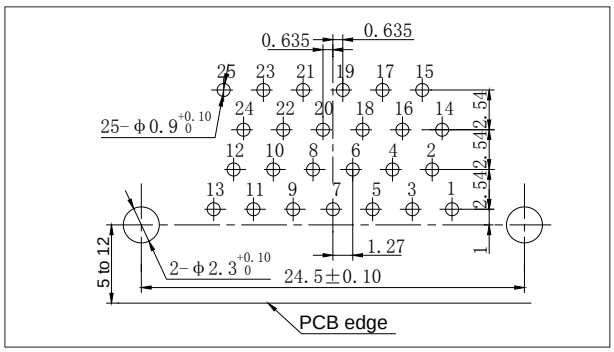

J30J-15ZKW



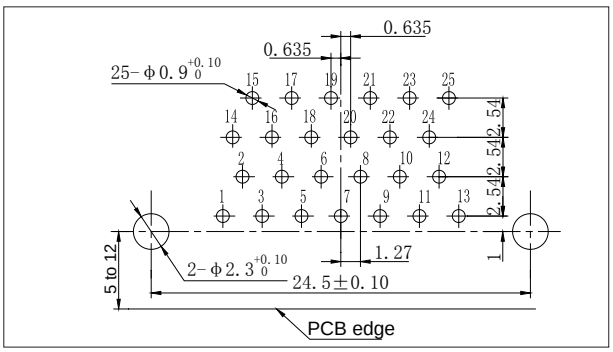

J30J-21TJW




J30J-21ZKW

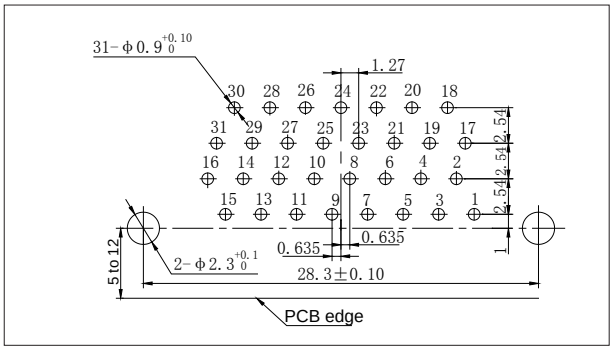



J30J-25TJW

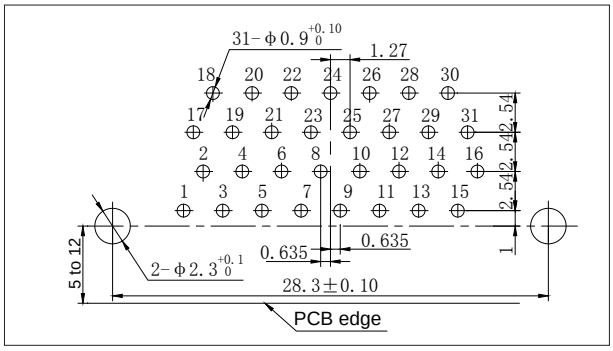



J30J-25ZKW

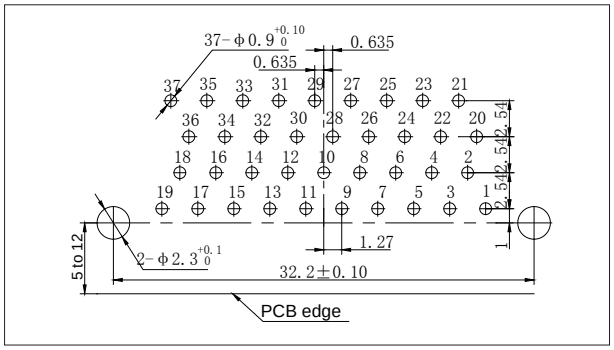
## PCB Mounting Hole Layout



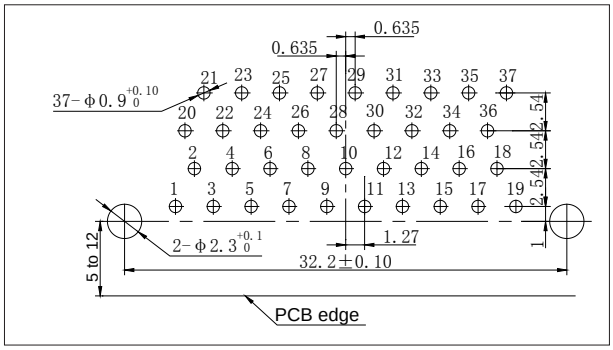

J30J-31TJW



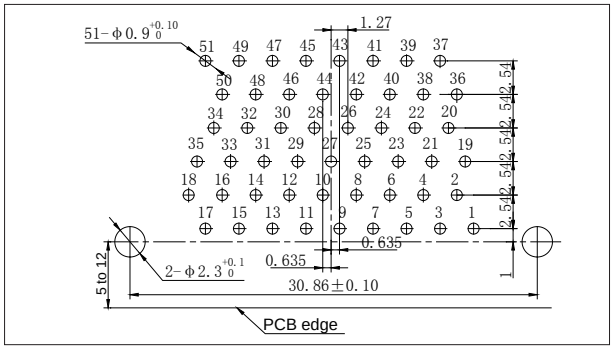

J30J-31ZKW



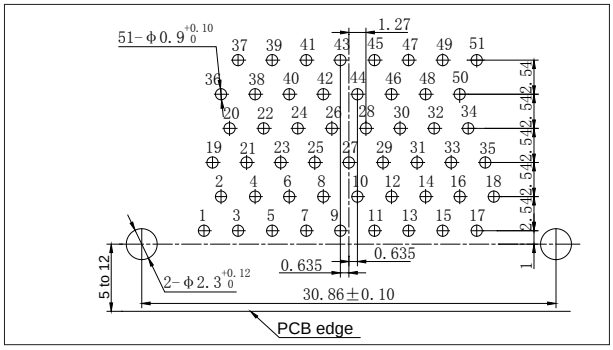

J30J-37TJW



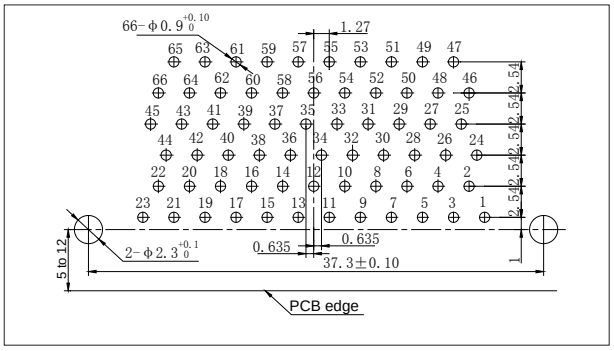

J30J-37ZKW



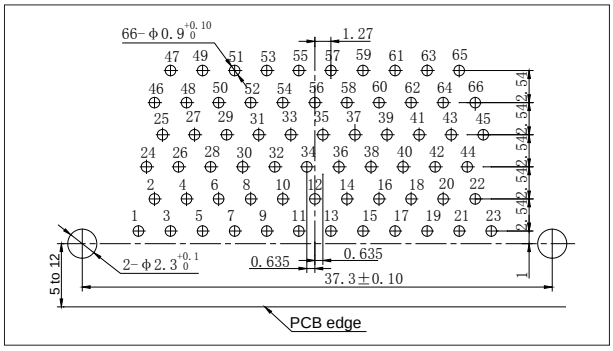

J30J-51TJW




J30J-51ZKW




J30J-66TJW

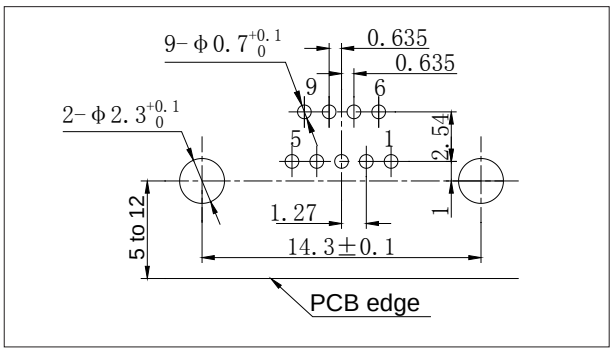



J30J-66ZKW

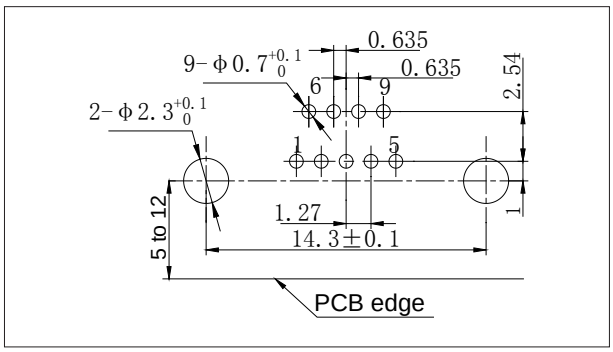
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30J right-angle PCB W-J type

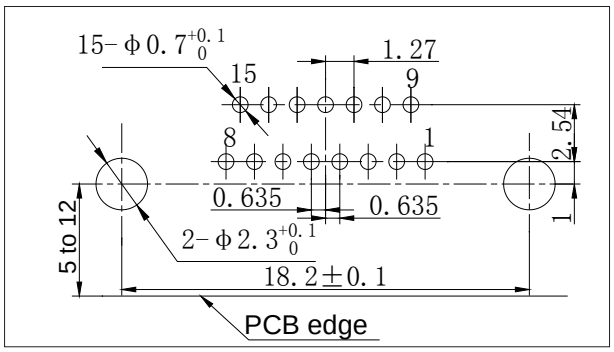
## PCB Mounting Hole Layout



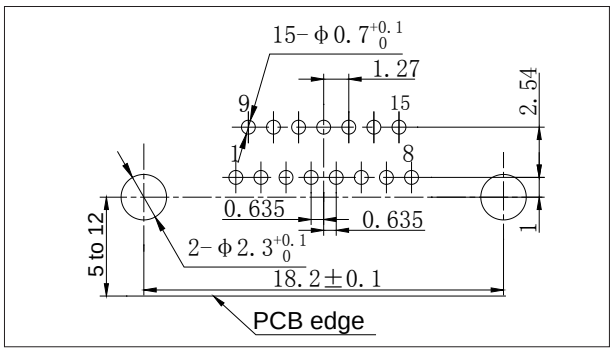

J30J-9TJW-J



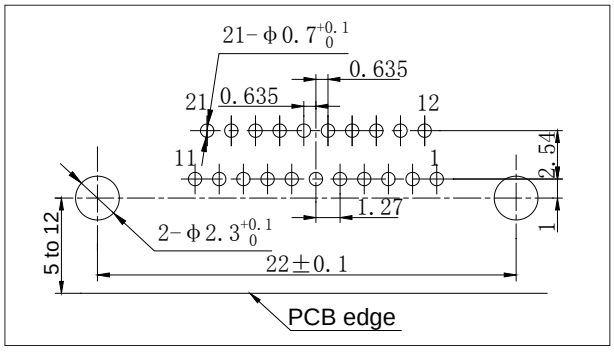

J30J-9ZKW-J



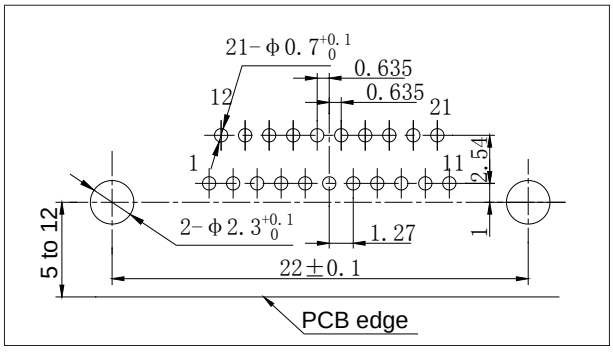

J30J-15TJW-J



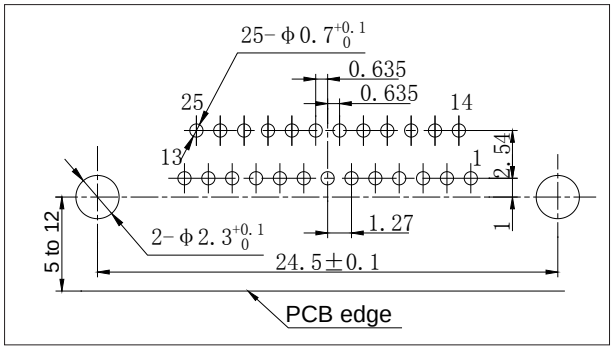

J30J-15ZKW-J



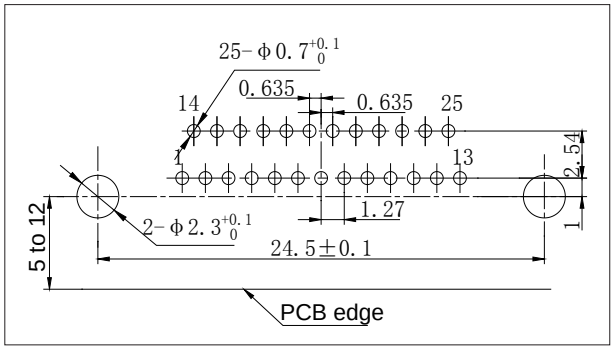

J30J-21TJW-J




J30J-21ZKW-J

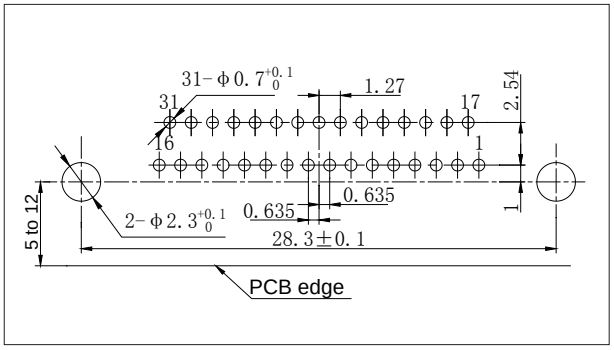



J30J-25TJW-J

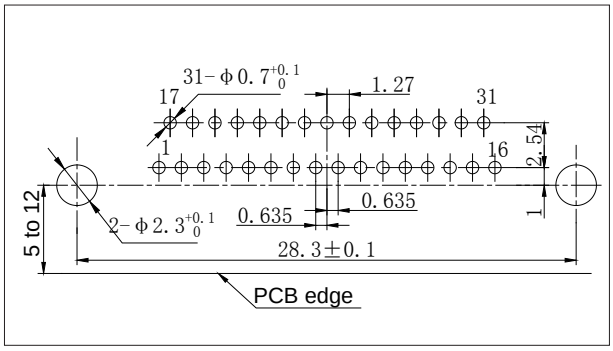



J30J-25ZKW-J

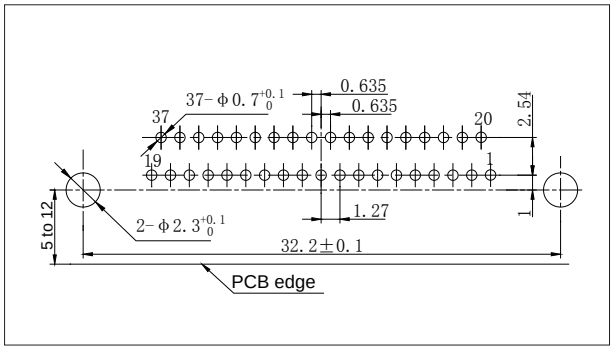
## PCB Mounting Hole Layout



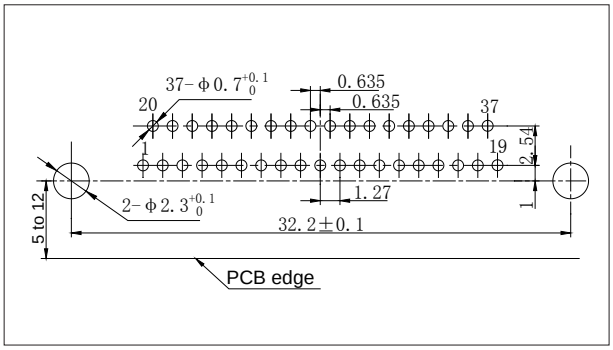

J30J-31TJW-J



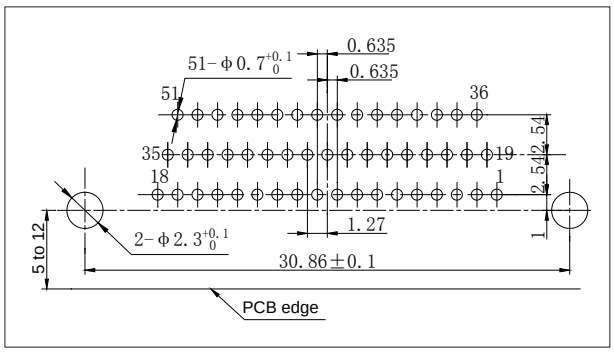

J30J-31ZKW-J



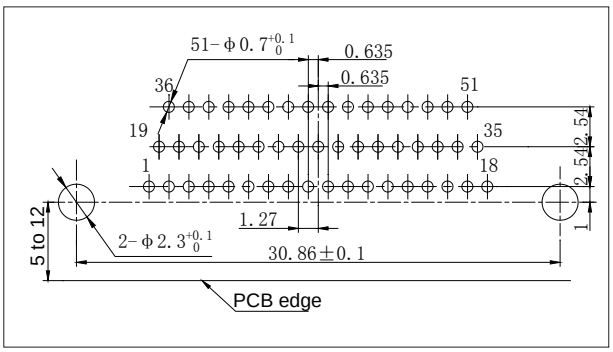

J30J-37TJW-J



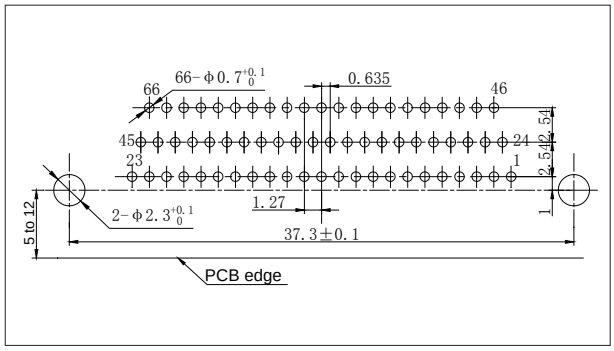

J30J-37ZKW-J



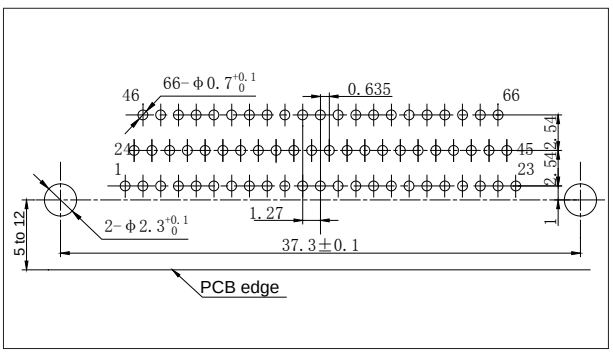

J30J-51TJW-J




J30J-51ZKW-J

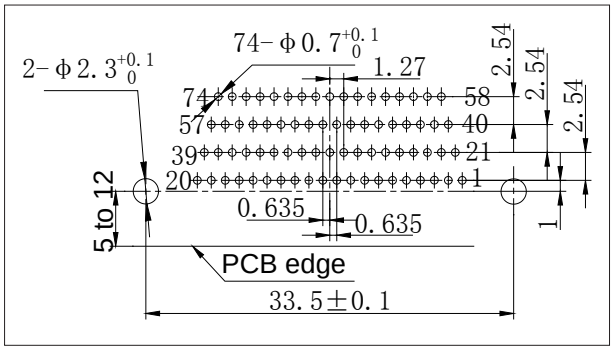



J30J-66TJW-J

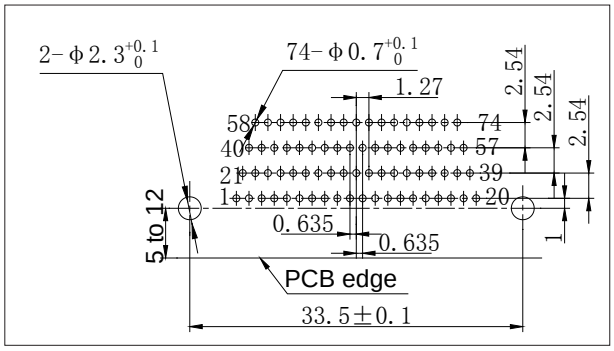



J30J-66ZKW-J

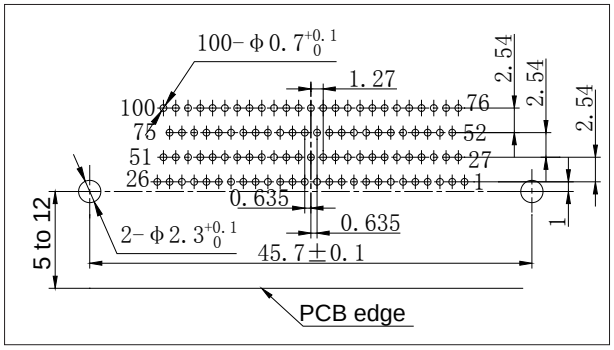
## PCB Mounting Hole Layout



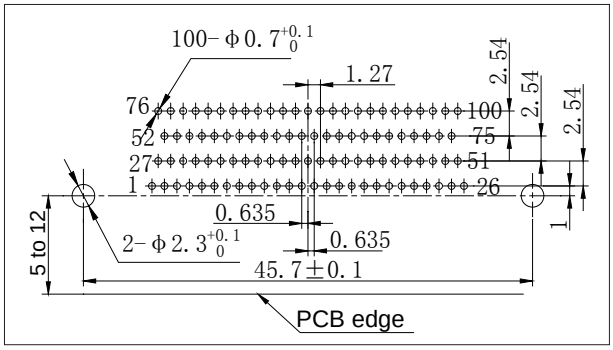

J30J-74TJW-J




J30J-74ZKW-J




J30J-100TJW-J

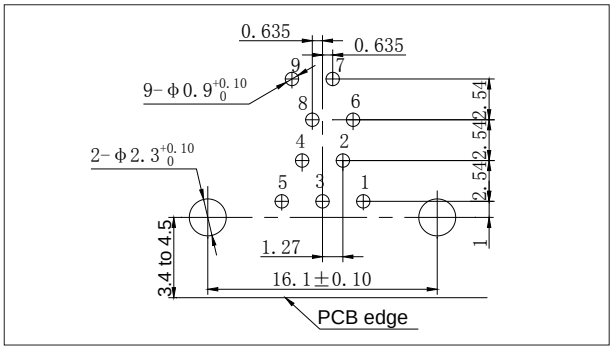



J30J-100ZKW-J

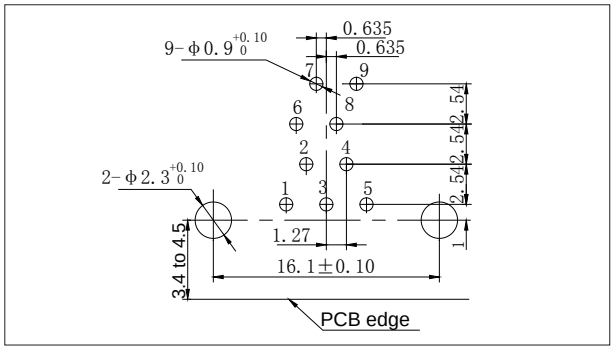
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30J right-angle PCB W-Q8 type

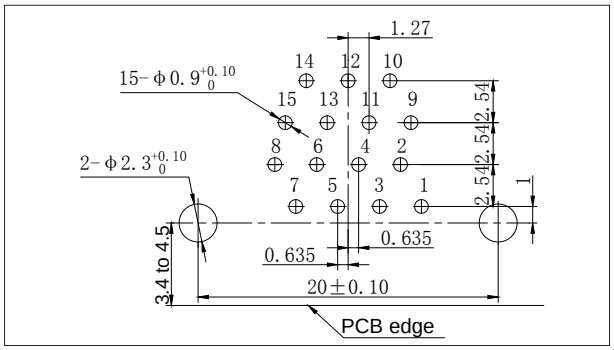
## PCB Mounting Hole Layout



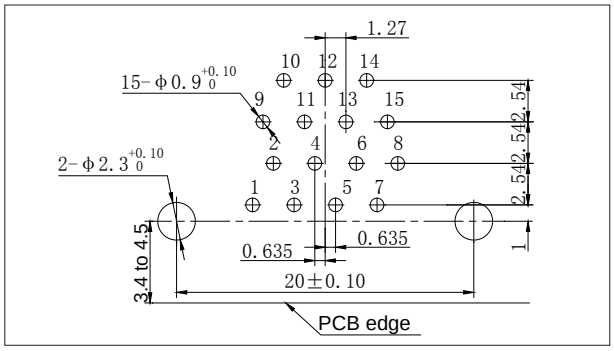

J30J-9TJW-Q8



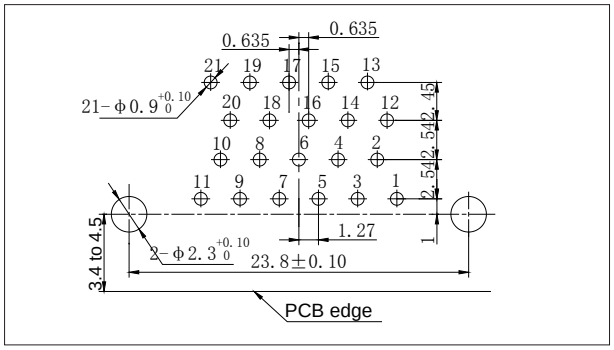

J30J-9ZKW-Q8



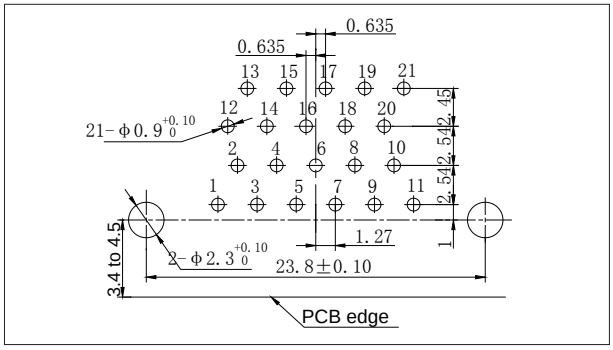

J30J-15TJW-Q8



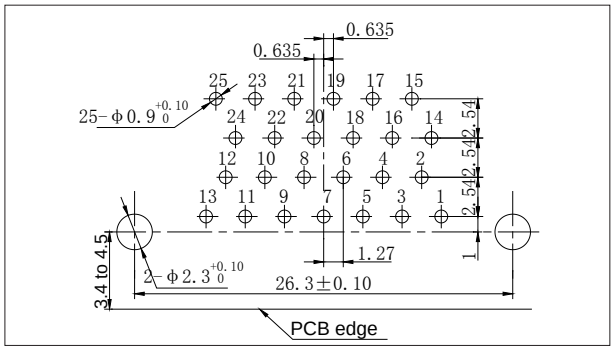

J30J-15ZKW-Q8



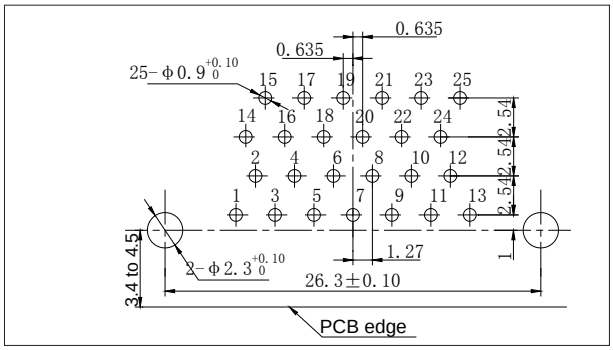

J30J-21TJW-Q8




J30J-21ZKW-Q8

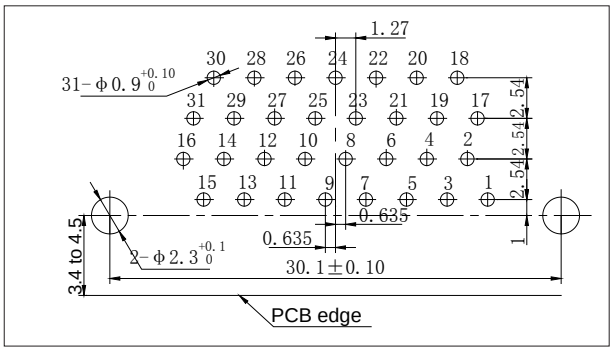



J30J-25TJW-Q8

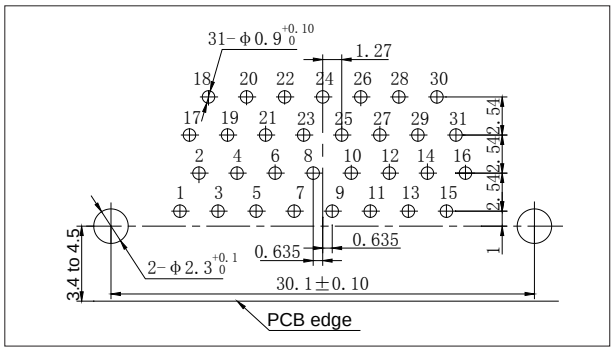



J30J-25ZKW-Q8

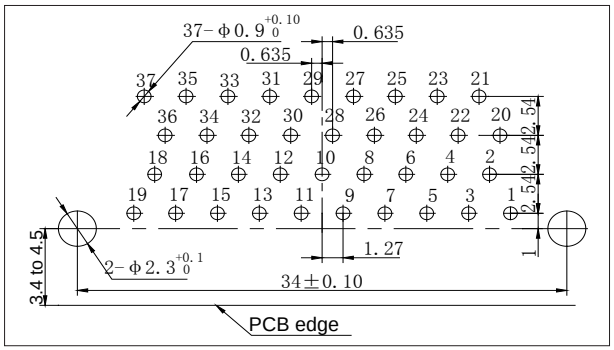
## PCB Mounting Hole Layout



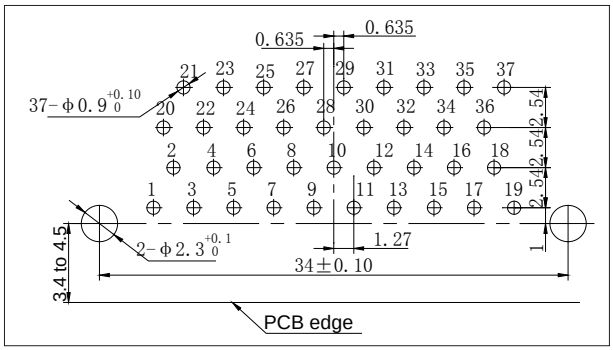

J30J-31TJW-Q8



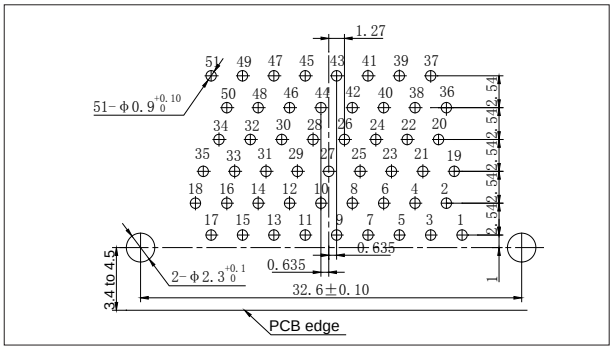

J30J-31ZKW-Q8



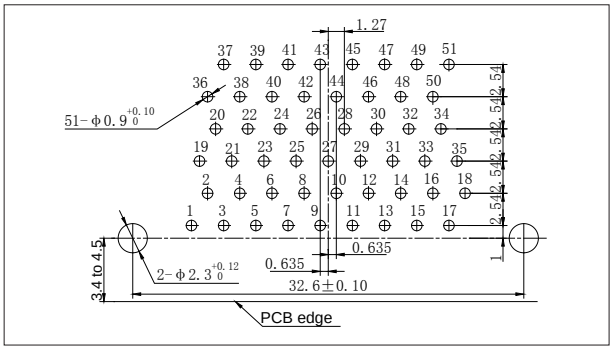

J30J-37TJW-Q8




J30J-37ZKW-Q8




J30J-51TJW-Q8

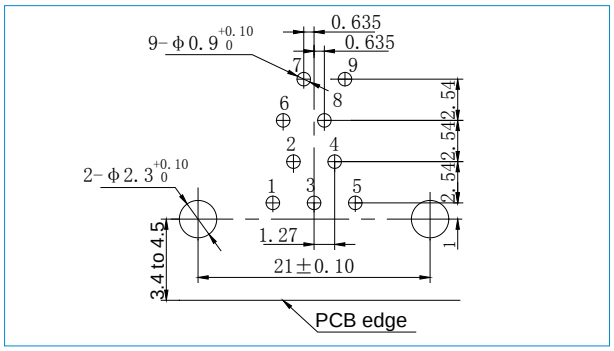



J30J-51ZKW-Q8

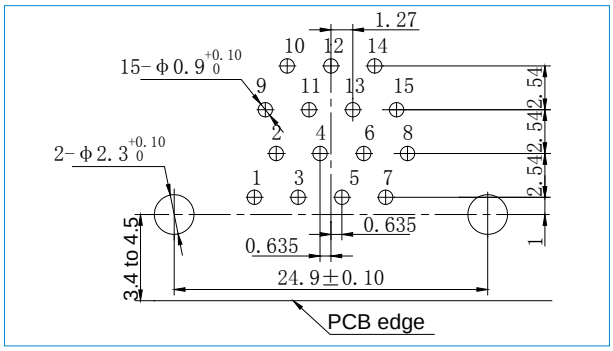
## J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30JC right-angle PCB W-Q type

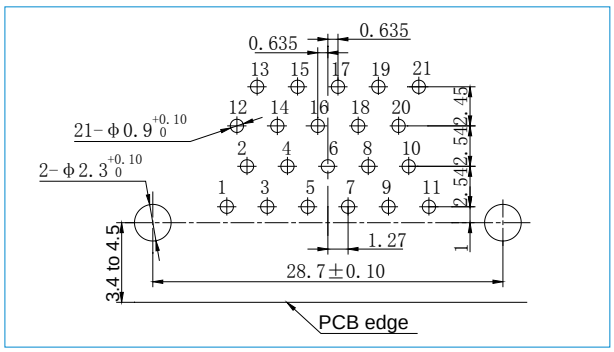
### PCB Mounting Hole Layout



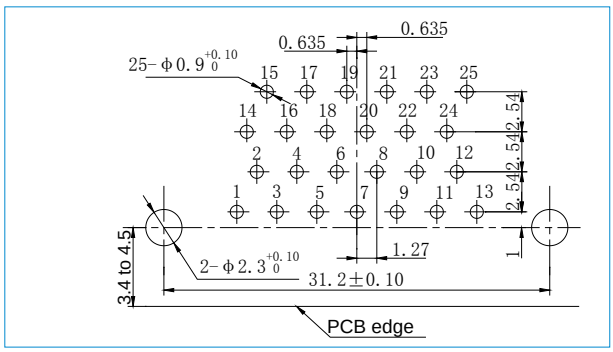

J30JC-9ZKW-Q



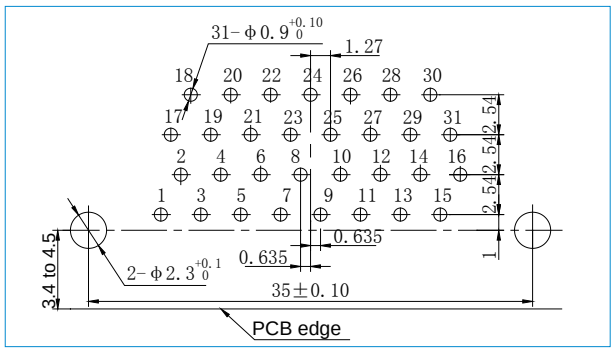

J30JC-15ZKW-Q



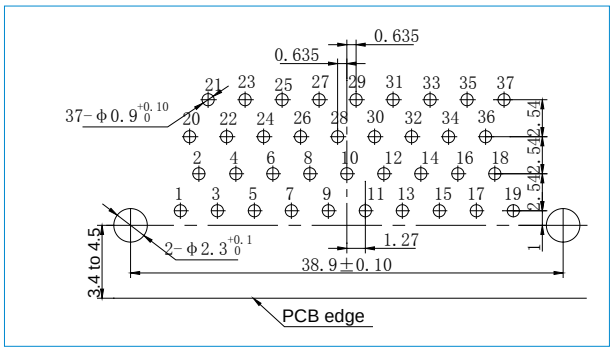

J30JC-21ZKW-Q



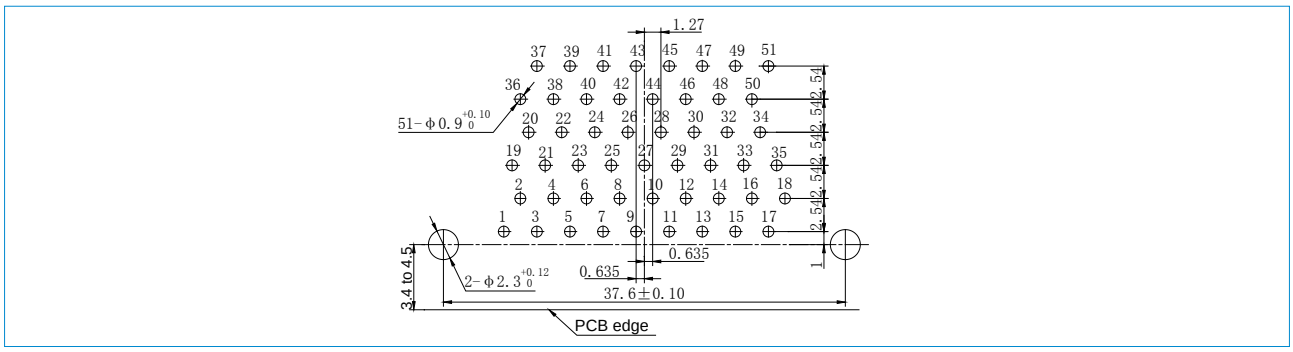

J30JC-25ZKW-Q




J30JC-31ZKW-Q




J30JC-37ZKW-Q

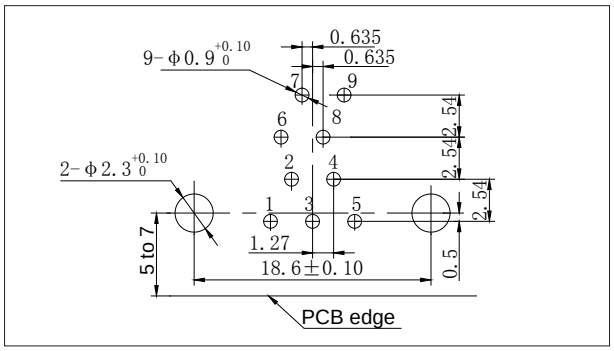



J30JC-51ZKW-Q

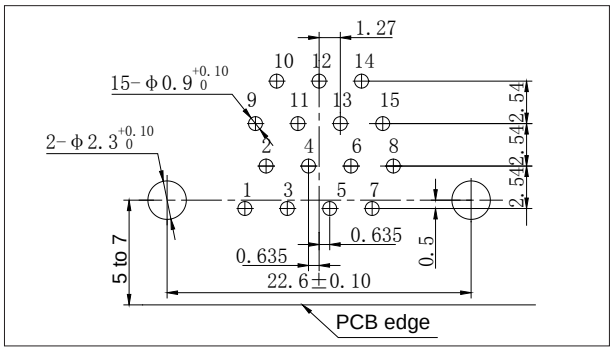
## J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30JA right-angle PCB W type

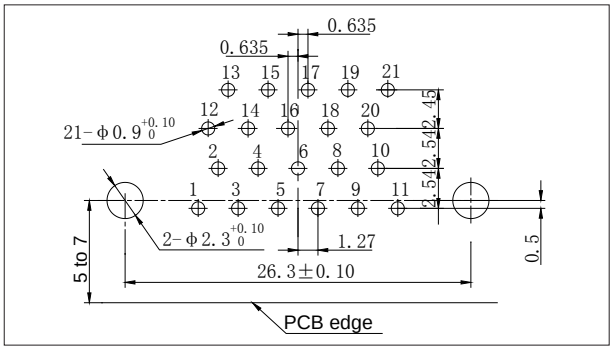
### PCB Mounting Hole Layout



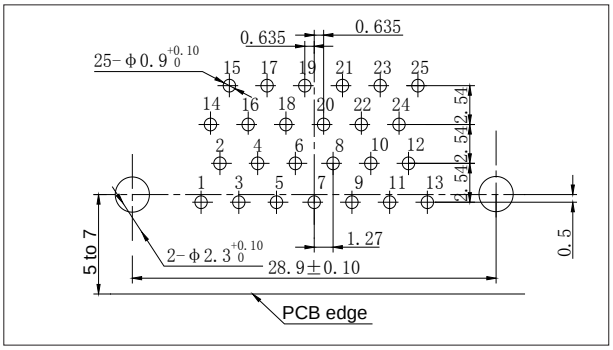

J30JA-9ZKW



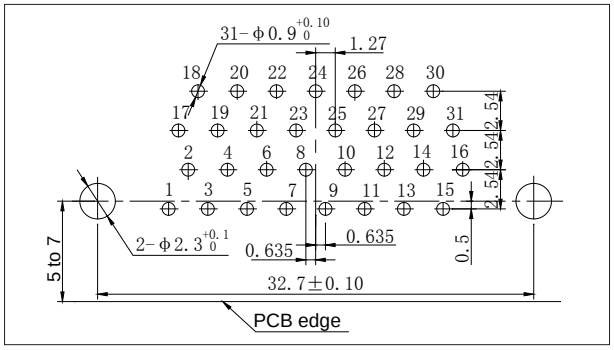

J30JA-15ZKW



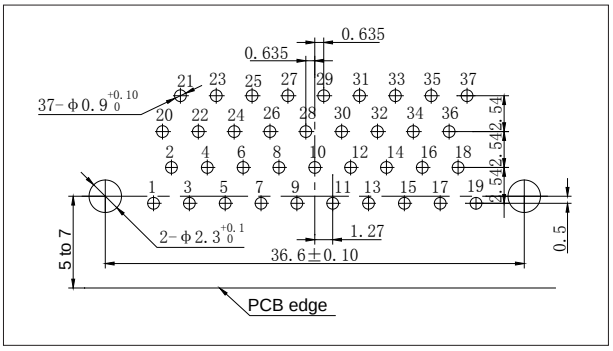

J30JA-21ZKW



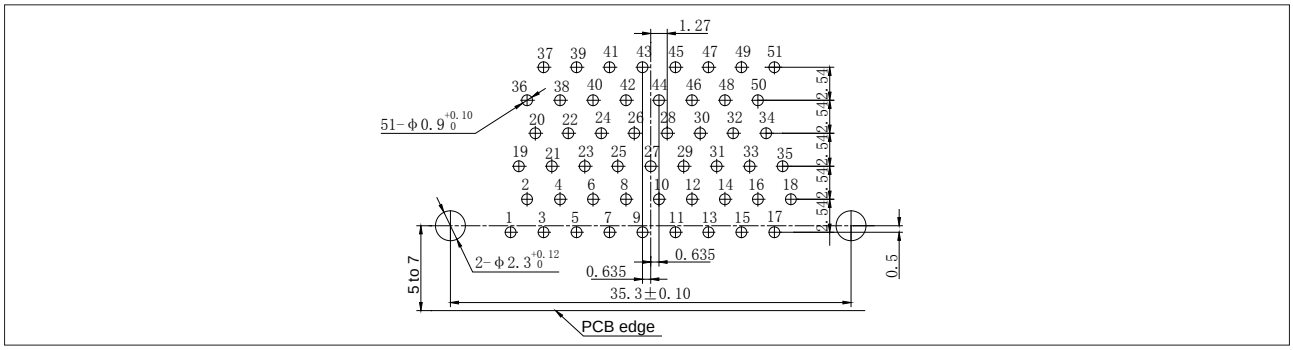

J30JA-25ZKW




J30JA-31ZKW




J30JA-37ZKW

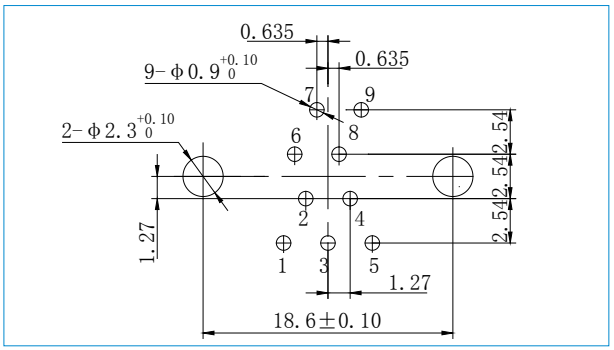



J30JA-51ZKW

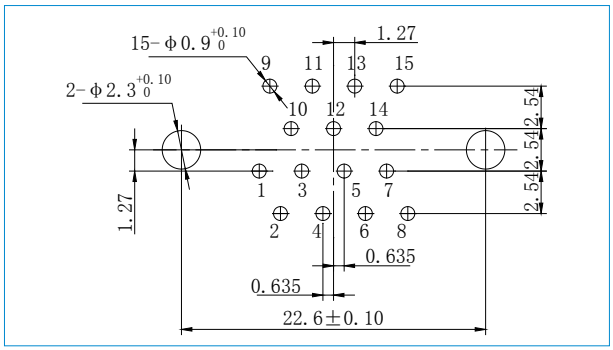
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30JA straight PCB N type

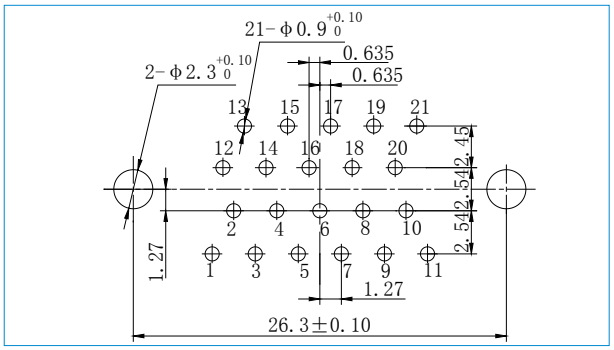
## PCB Mounting Hole Layout



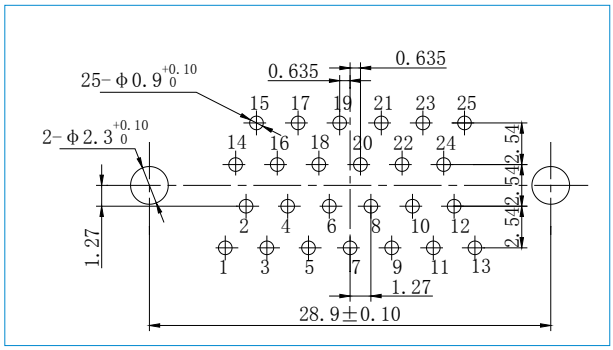

J30JA-9ZKN



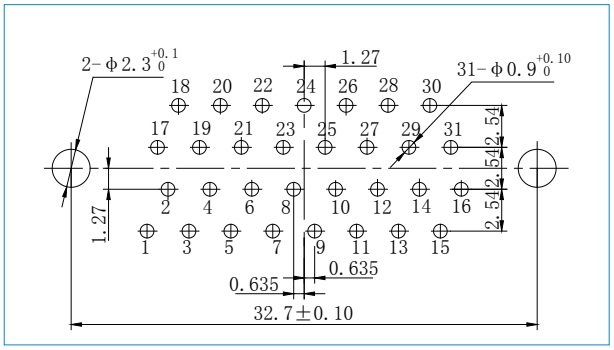

J30JA-15ZKN



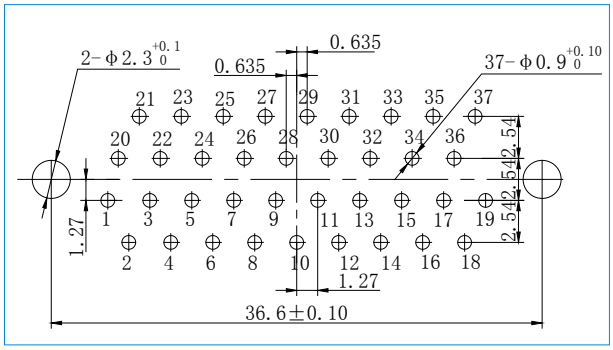

J30JA-21ZKN



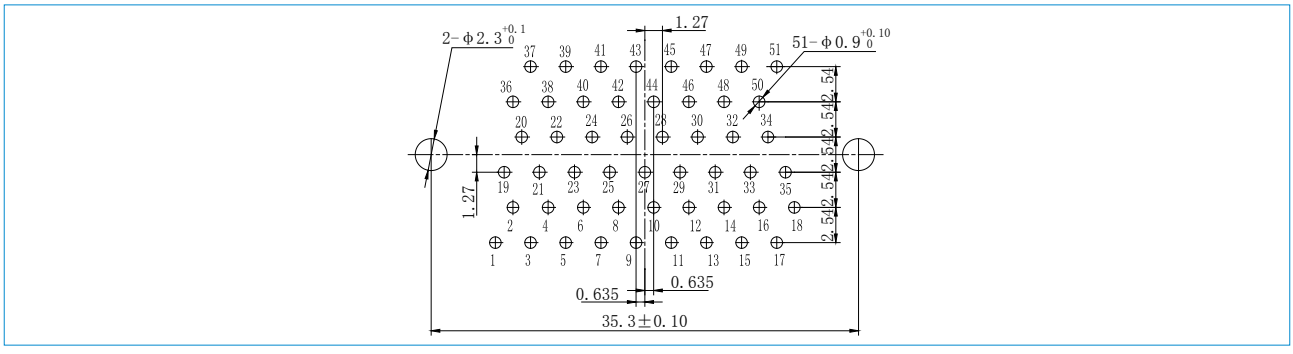

J30JA-25ZKN




J30JA-31ZKN




J30JA-37ZKN

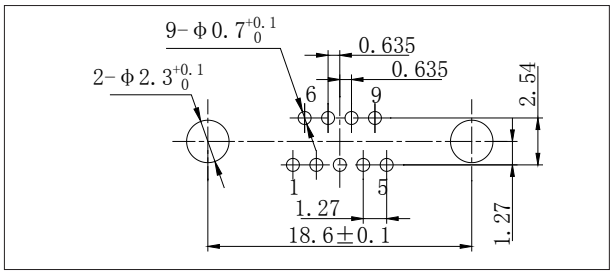



J30JA-51ZKN

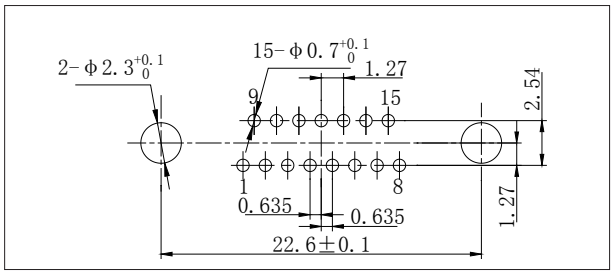
J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30JA straight PCB N-J

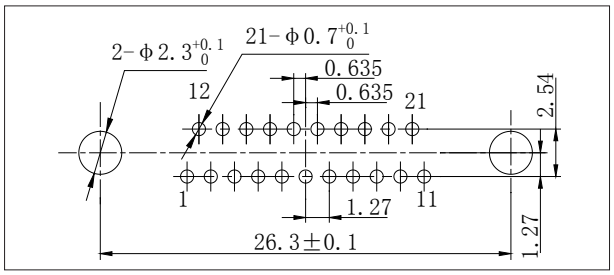
## PCB Mounting Hole Layout



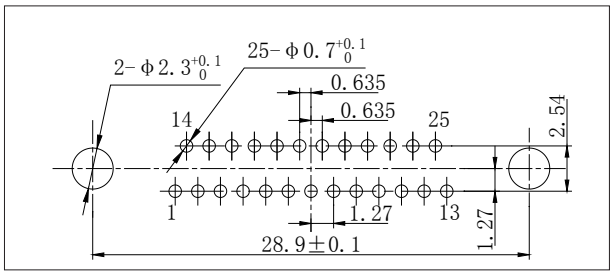

J30JA-9ZKN-J



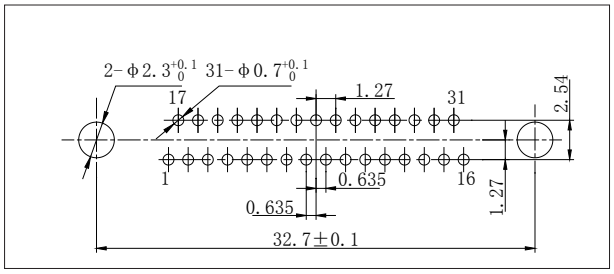

J30JA-15ZKN-J



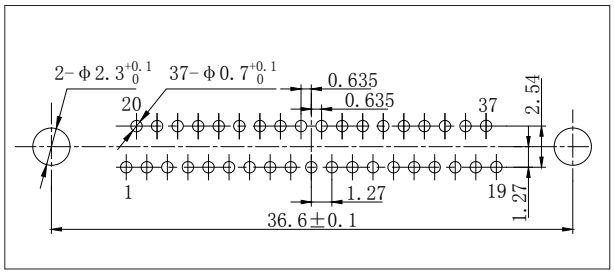

J30JA-21ZKN-J



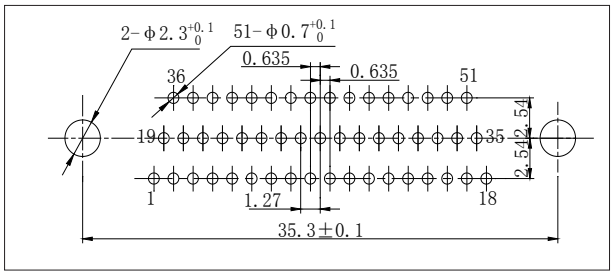

J30JA-25ZKN-J



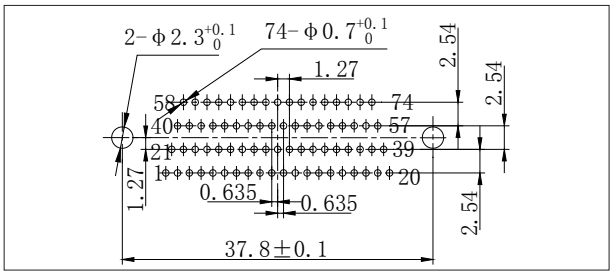

J30JA-31ZKN-J



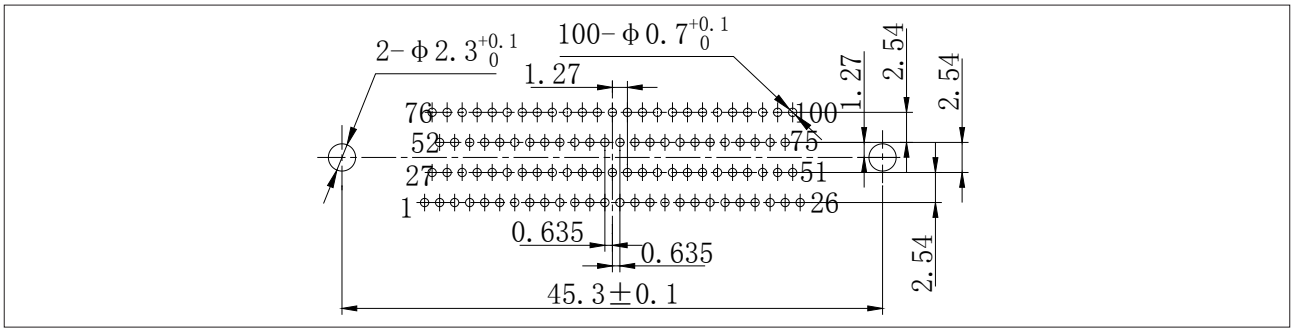

J30JA-37ZKN-J




J30JA-51ZKN-J




J30JA-74ZKN-J

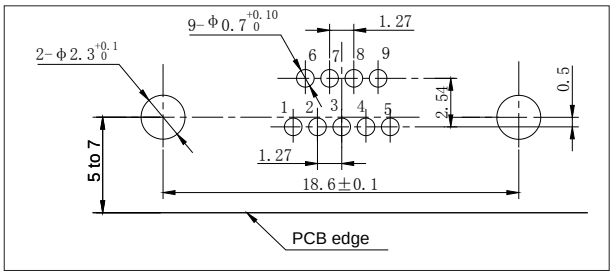



J30JA-100ZKN-J

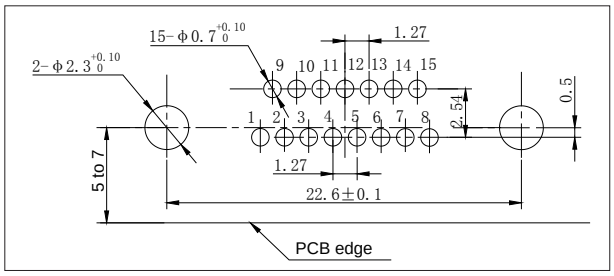
## J30J Series Micro Rectangular Electrical Connectors \ PCB Mounting Hole Dimensions

· J30JA right-angle PCB W-J

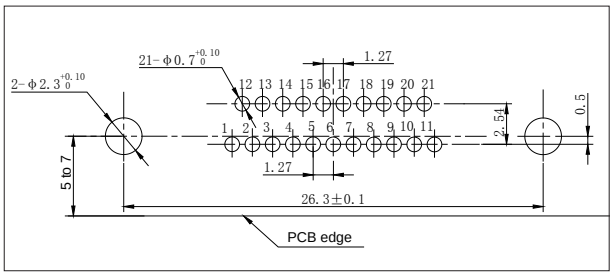
### PCB Mounting Hole Layout



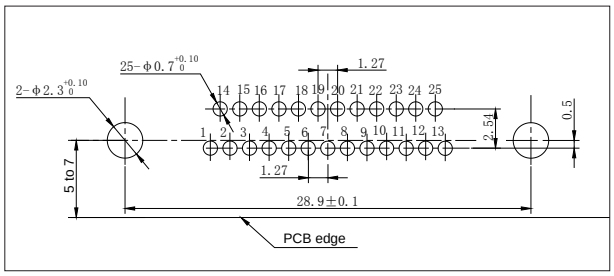

J30JA-9ZKW-J



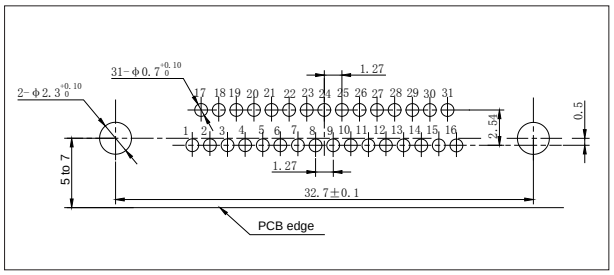

J30JA-15ZKW-J



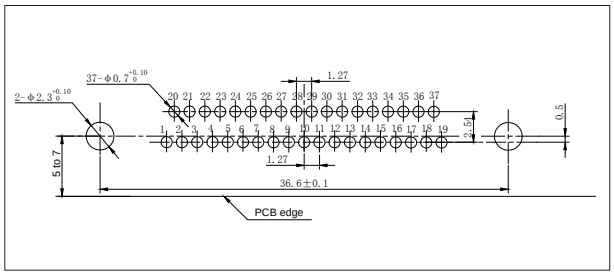

J30JA-21ZKW-J



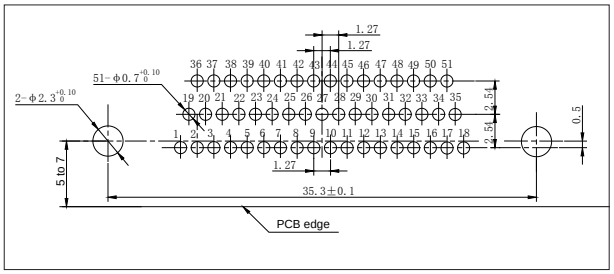

J30JA-25ZKW-J



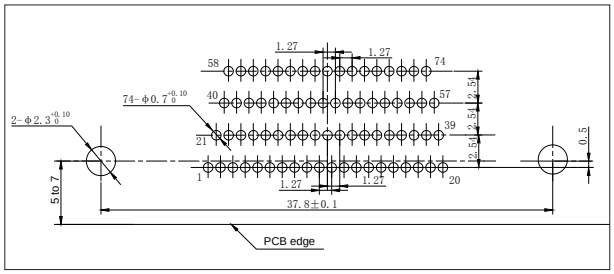

J30JA-31ZKW-J



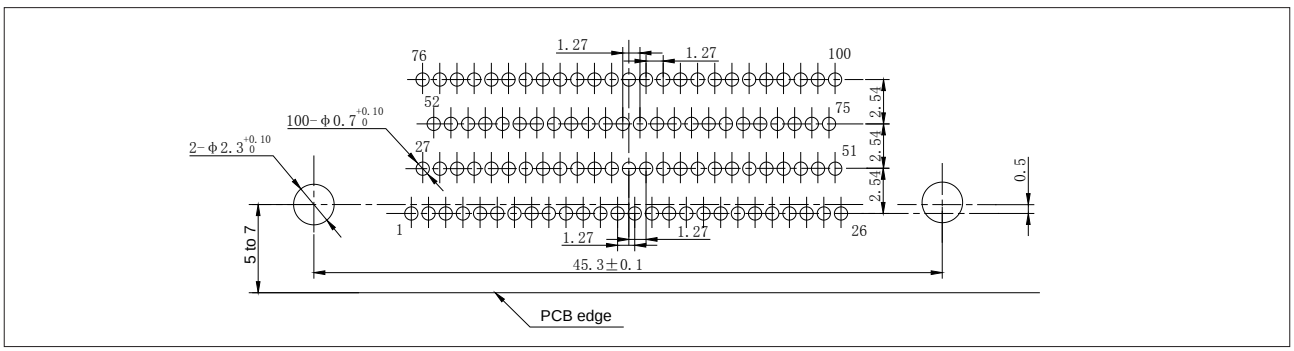

J30JA-37ZKW-J




J30JA-51ZKW-J




J30JA-74ZKW-J




J30JA-100ZKW-J