



RỒNG VÀNG  
TECHNOLOGY



# **J30J SERIES TWISTED PIN RECTANGULAR ELECTRICAL CONNECTORS MICRO D**

[www.rong-vang-technology.vn](http://www.rong-vang-technology.vn)



# J30J series twisted pin micro rectangular electrical connectors

## Product Introduction

Conforms to MIL-C-83513  
Male pin is twist pin  
High-density contact, spacing 1.27 mm  
Metal shield shell, equivalent to MDM series  
There are 10 specifications including 9 ~ 100 contacts

## Application

The product has the advantages of high density, lightweight and miniaturization, which can realize the reliable interconnection of the electrical circuit system from cable to cable, cable to printed board, and between printed board and printed board

The product can withstand strong vibration, shock and other harsh operating environment, especially suitable for the use in space; equipment lightweight has special requirements for the use of the occasion

## Specifications

Temperature rating: -55°C ~ +125°C

Contact rating: 3 A

Contact resistance:  $\leq 10 \text{ m}\Omega$

Insulation resistance:

- Normal temperature:  $\geq 5000 \text{ M}\Omega$ ;
- Damp heat temperature:  $\geq 100 \text{ M}\Omega$ ;

Dielectric withstanding voltage: 800 V

Vibration: Frequency 10 ~ 2000 Hz acceleration  $196 \text{ m/s}^2$

Shock: acceleration  $735 \text{ m/s}^2$

Acceleration:  $735 \text{ m/s}^2$

Endurance: 500 cycles

Recommended torque force for locking screws: 0.15 ~ 0.2 Nm is recommended for sizes 9 ~ 100

Salt spray: 96 h

Sealed Versions:

J30JM (glue sealing type):

- insulation resistance:  $\geq 2000 \text{ M}\Omega$
- Air leakage:  $5.0 \times 10^{-2} \text{ Pa cm}^3/\text{s}$

J30JM1 (sintered glass sealing):

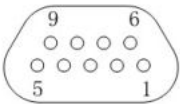
- insulation resistance:  $\geq 1000 \text{ M}\Omega$
- Air leakage:  $3.1 \times 10^{-3} \text{ Pa cm}^3/\text{s}$

# J30J series twisted pin micro rectangular electrical connectors

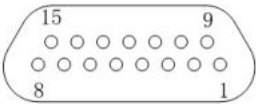


## Contact arrangement

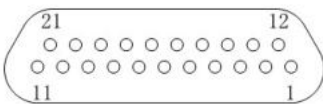
(viewed from the insertion surface of the pin insulator)



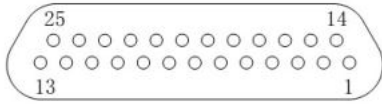
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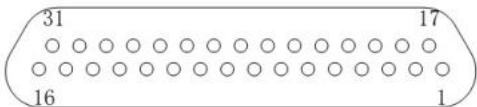
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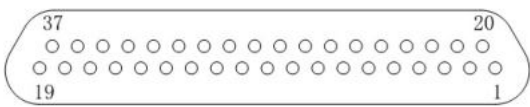
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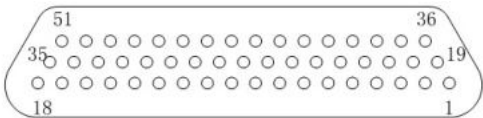
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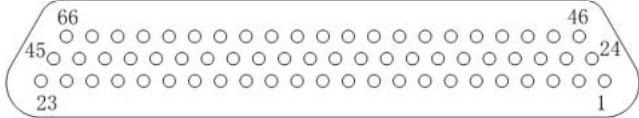
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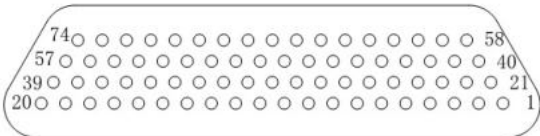
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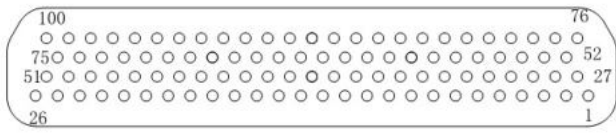
**51**



**66**



**74**

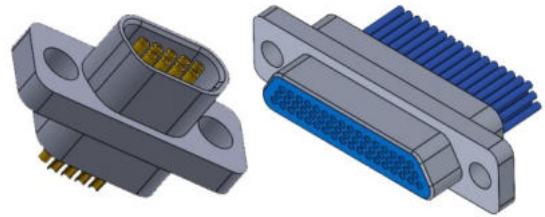


**100**



# J30J series twisted pin micro rectangular electrical connectors

## Solder Cup and Pre-Wired Connectors



## Ordering information

| Basic series                                                                              | J30J | - | 25 | TJ |  | G | A |
|-------------------------------------------------------------------------------------------|------|---|----|----|--|---|---|
| Shell Type:                                                                               |      |   |    |    |  |   |   |
| Omit = standard version (aluminum/nickel)                                                 |      |   |    |    |  |   |   |
| A = quick locking type                                                                    |      |   |    |    |  |   |   |
| C = shell material is tin phosphor bronze and nickel plating                              |      |   |    |    |  |   |   |
| D = mounting hole is changed to M2-6H                                                     |      |   |    |    |  |   |   |
| M = glue sealing Receptacle, A rubber gasket, 1 mm, is provided                           |      |   |    |    |  |   |   |
| M1 = sintered glass sealing Receptacle, A rubber gasket, 1 mm, is provided                |      |   |    |    |  |   |   |
| Contact layouts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100                                   |      |   |    |    |  |   |   |
| Connector type:                                                                           |      |   |    |    |  |   |   |
| ZK = receptacle with sockets                                                              |      |   |    |    |  |   |   |
| TJ = plug with pins                                                                       |      |   |    |    |  |   |   |
| Termination Type:                                                                         |      |   |    |    |  |   |   |
| Omit = Pre-Wired version                                                                  |      |   |    |    |  |   |   |
| S = Solder cup version                                                                    |      |   |    |    |  |   |   |
| Hardware Options:                                                                         |      |   |    |    |  |   |   |
| Omit = No Hardware                                                                        |      |   |    |    |  |   |   |
| Hardware Type P                                                                           |      |   |    |    |  |   |   |
| Hardware Type L                                                                           |      |   |    |    |  |   |   |
| Hardware Type K                                                                           |      |   |    |    |  |   |   |
| Hardware Type V                                                                           |      |   |    |    |  |   |   |
| (See J30J Hardware components)                                                            |      |   |    |    |  |   |   |
| Shell Material/Finish:                                                                    |      |   |    |    |  |   |   |
| Omit = Aluminum/Nickel                                                                    |      |   |    |    |  |   |   |
| G = Aluminum/Cadmium                                                                      |      |   |    |    |  |   |   |
| Modification Option:                                                                      |      |   |    |    |  |   |   |
| Omit = standard version                                                                   |      |   |    |    |  |   |   |
| A = Housing with Integrated Backshell Top Entry, with Cable Clamp                         |      |   |    |    |  |   |   |
| C = Housing with Entry Side                                                               |      |   |    |    |  |   |   |
| D = Connector body flange has grooves that prevent rotation and sliding                   |      |   |    |    |  |   |   |
| AD = Combination of Modification A and Modification D                                     |      |   |    |    |  |   |   |
| Q = Connector with Wide Flange, A rubber gasket, 1 mm, is provided                        |      |   |    |    |  |   |   |
| AQ = Combination of Modification A and Modification Q, A rubber gasket, 1 mm, is provided |      |   |    |    |  |   |   |

Wire color and length index:

If customers prefer any color and length of wires, please specify the color and length

For example:

J30J-25TJ (L600) = means that the wire in white insulation has a length of 600 mm, wire cross-section 012 mm<sup>2</sup>

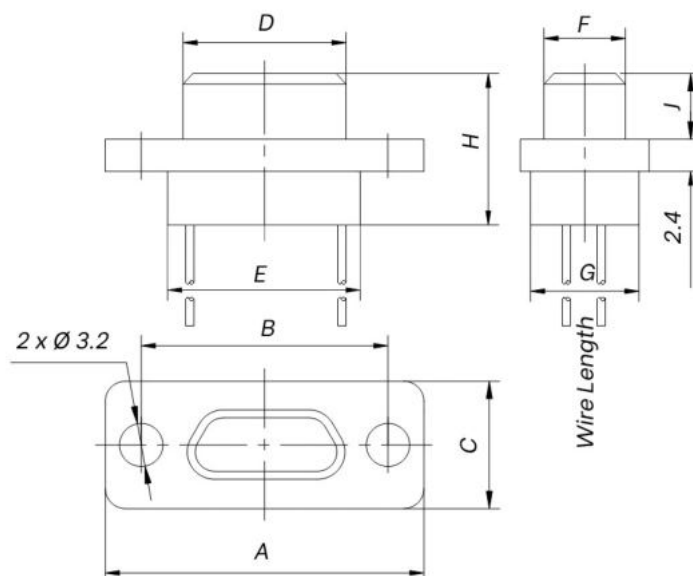
J30J-37ZK (blue, 0.15 mm<sup>2</sup>, L400) = means that the wire in blue insulation has a length of 400 mm, wire cross-section 0.15 mm<sup>2</sup>

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

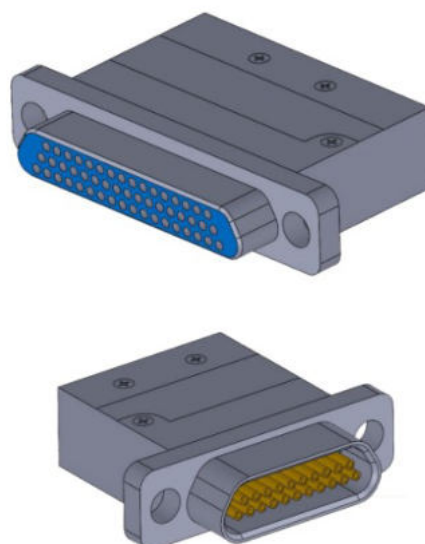
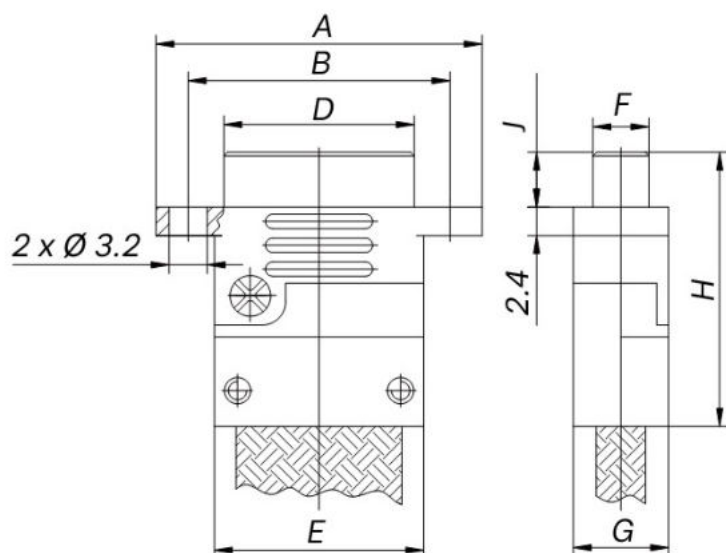
### Pre-Wired Connectors



| Connector type | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJ       | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJ      | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJ      | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJ      | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJ      | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJ      | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJ      | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJ      | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJ      | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJ     | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZK       | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-15ZK      | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-21ZK      | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-25ZK      | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-31ZK      | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-37ZK      | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-51ZK      | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-66ZK      | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-74ZK      | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30J-100ZK     | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

## Dimensions

### Pre-Wired Connectors



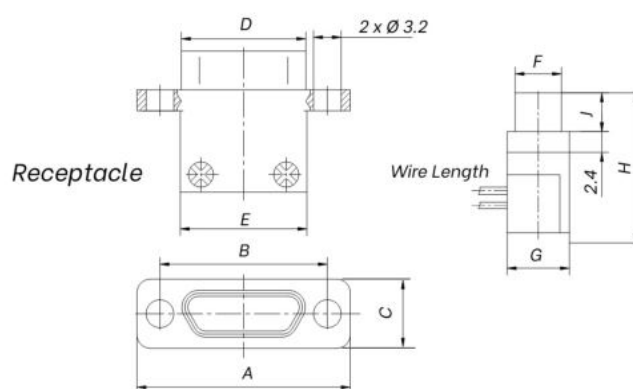
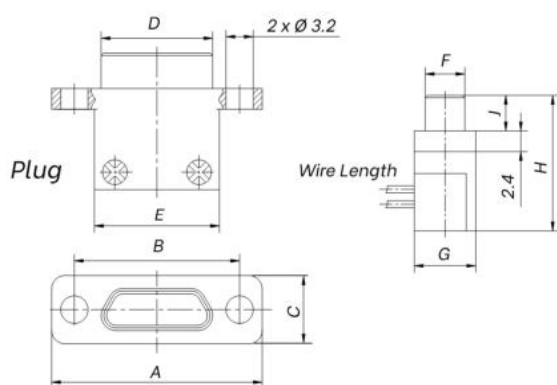
| Connector type | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJ-A     | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 23   | 4.6 |
| J30J-15TJ-A    | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 23   | 4.6 |
| J30J-21TJ-A    | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 23   | 4.6 |
| J30J-25TJ-A    | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 23   | 4.6 |
| J30J-31TJ-A    | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 23   | 4.6 |
| J30J-37TJ-A    | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 23   | 4.6 |
| J30J-51TJ-A    | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 23   | 4.6 |
| J30J-66TJ-A    | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 23   | 4.6 |
| J30J-74TJ-A    | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 23.5 | 4.6 |
| J30J-100TJ-A   | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 23.5 | 4.6 |
| J30J-9ZK-A     | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-15ZK-A    | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-21ZK-A    | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-25ZK-A    | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-31ZK-A    | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-37ZK-A    | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 23.5 | 4.9 |
| J30J-51ZK-A    | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 23.5 | 4.9 |
| J30J-66ZK-A    | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 23.5 | 4.9 |
| J30J-74ZK-A    | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 25.5 | 4.9 |
| J30J-100ZK-A   | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 25.5 | 4.9 |

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

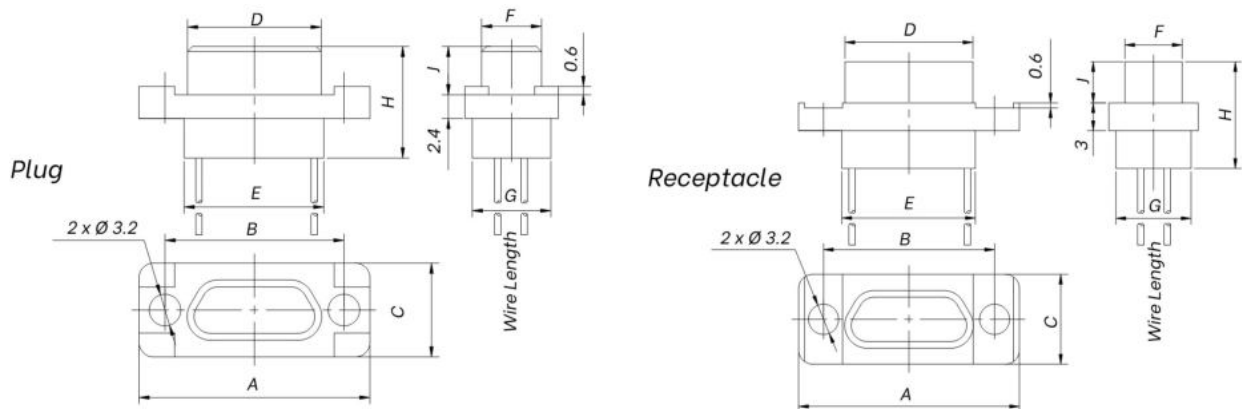
### Pre-Wired Connectors



| Connector type | A    | B     | C   | D    | E    | F   | G    | H    | J   |
|----------------|------|-------|-----|------|------|-----|------|------|-----|
| J30J-9TJ-C     | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 8    | 16.5 | 4.6 |
| J30J-15TJ-C    | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 8    | 16.5 | 4.6 |
| J30J-21TJ-C    | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 8    | 16.5 | 4.6 |
| J30J-25TJ-C    | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 8    | 16.5 | 4.6 |
| J30J-31TJ-C    | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 8    | 16.5 | 4.6 |
| J30J-37TJ-C    | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 8    | 16.5 | 4.6 |
| J30J-51TJ-C    | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 9.1  | 15.5 | 4.6 |
| J30J-66TJ-C    | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 9.1  | 17.8 | 4.6 |
| J30J-74TJ-C    | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 10.1 | 19   | 4.6 |
| J30J-100TJ-C   | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 10.1 | 19   | 4.6 |
| J30J-9ZK-C     | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 8    | 16.9 | 4.9 |
| J30J-15ZK-C    | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 8    | 16.9 | 4.9 |
| J30J-21ZK-C    | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 8    | 16.9 | 4.9 |
| J30J-25ZK-C    | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 8    | 16.9 | 4.9 |
| J30J-31ZK-C    | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 8    | 16.9 | 4.9 |
| J30J-37ZK-C    | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 8    | 16.9 | 4.9 |
| J30J-51ZK-C    | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 9.1  | 15.9 | 4.9 |
| J30J-66ZK-C    | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 9.1  | 18.2 | 4.9 |
| J30J-74ZK-C    | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 10.1 | 19.4 | 4.9 |
| J30J-100ZK-C   | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 10.1 | 19.4 | 4.9 |

## Dimensions

### Pre-Wired Connectors



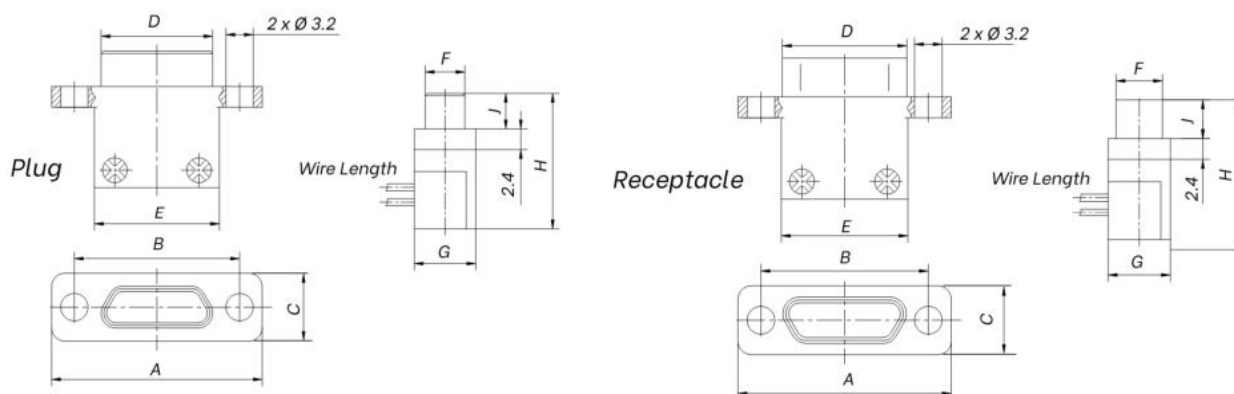
| Connector type | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJ-D     | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJ-D    | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJ-D    | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJ-D    | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJ-D    | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJ-D    | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJ-D    | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJ-D    | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJ-D    | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJ-D   | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZK-D     | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-15ZK-D    | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-21ZK-D    | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-25ZK-D    | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-31ZK-D    | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-37ZK-D    | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.3 |
| J30J-51ZK-D    | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.3 |
| J30J-66ZK-D    | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.3 |
| J30J-74ZK-D    | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.3 |
| J30J-100ZK-D   | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.3 |

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

### Pre-Wired Connectors

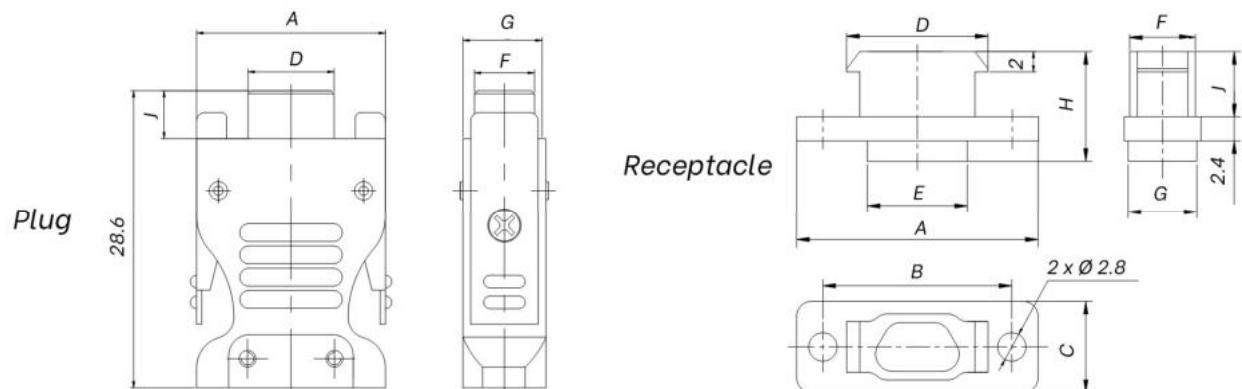


| Connector type | A    | B    | C    | D    | E    | F   | G   | H    | J   |
|----------------|------|------|------|------|------|-----|-----|------|-----|
| J30J-9TJ-Q     | 26   | 21   | 14   | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJ-Q    | 29.9 | 24.9 | 14   | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJ-Q    | 33.8 | 28.7 | 14   | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJ-Q    | 36.2 | 31.2 | 14   | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJ-Q    | 40   | 35   | 14   | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJ-Q    | 43.8 | 38.9 | 14   | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJ-Q    | 42.6 | 37.6 | 15.2 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJ-Q    | 49.3 | 44   | 15.2 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJ-Q    | 45.2 | 40.2 | 16.1 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJ-Q   | 61.1 | 52.4 | 16.1 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZK-Q     | 26   | 21   | 14   | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-15ZK-Q    | 29.9 | 24.9 | 14   | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-21ZK-Q    | 33.8 | 28.7 | 14   | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-25ZK-Q    | 36.2 | 31.2 | 14   | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-31ZK-Q    | 40   | 35   | 14   | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-37ZK-Q    | 43.8 | 38.9 | 14   | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-51ZK-Q    | 42.6 | 37.6 | 15.2 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-66ZK-Q    | 49.3 | 44   | 15.2 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-74ZK-Q    | 45.2 | 40.2 | 16.1 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30J-100ZK-Q   | 61.1 | 52.4 | 16.1 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

Note: rubber gasket not provided

## Dimensions

### Quick lock Pre-Wired Connectors



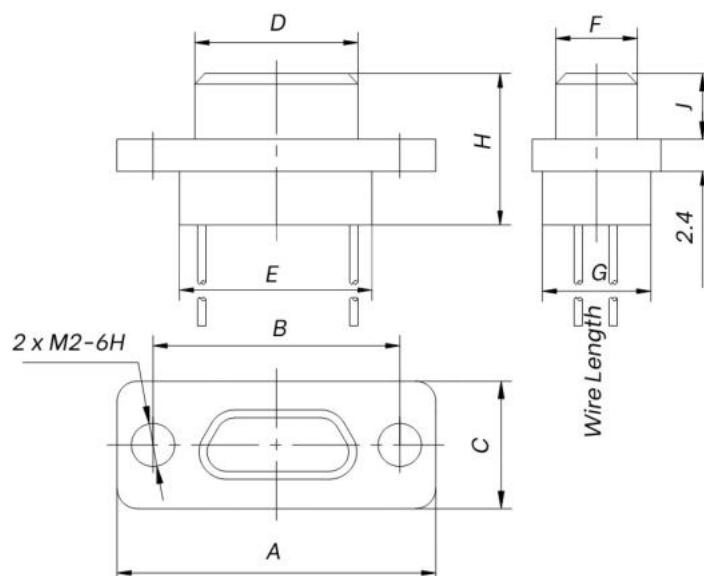
| Connector type | A    | B    | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|------|-----|------|------|-----|-----|------|-----|
| J30JA-9TJ      | 18.2 |      |     | 8.3  |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-15TJ     | 22.1 |      |     | 12.3 |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-21TJ     | 25.8 |      |     | 16   |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-25TJ     | 28.4 |      |     | 18.6 |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-31TJ     | 32.2 |      |     | 22.4 |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-37TJ     | 36   |      |     | 26.3 |      | 4.7 | 8.1 |      | 4.6 |
| J30JA-51TJ     | 34.8 |      |     | 25   |      | 5.8 | 10  |      | 4.6 |
| J30JA-66TJ     | 41.2 |      |     | 31.4 |      | 5.8 | 10  |      | 4.6 |
| J30JA-74TJ     | 37.2 |      |     | 27.5 |      | 6.8 | 11  |      | 4.6 |
| J30JA-100TJ    | 44.8 |      |     | 35.1 |      | 6.8 | 11  |      | 4.6 |
| J30JA-9ZK      | 23.4 | 18.6 | 7.6 | 14.3 | 9.9  | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-15ZK     | 27.4 | 22.6 | 7.6 | 18.3 | 13.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-21ZK     | 31.1 | 26.3 | 7.6 | 22   | 17.6 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-25ZK     | 33.7 | 28.9 | 7.6 | 24.6 | 20.2 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-31ZK     | 37.5 | 32.7 | 7.6 | 28.4 | 24   | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-37ZK     | 41.4 | 36.6 | 7.6 | 32.3 | 27.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-51ZK     | 40.1 | 35.3 | 8.7 | 31   | 26.6 | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-66ZK     | 46.5 | 41.7 | 8.7 | 37.4 | 33   | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-74ZK     | 42.6 | 37.8 | 9.7 | 33.5 | 29.1 | 8.7 | 9.1 | 10.9 | 6.4 |
| J30JA-100ZK    | 50.1 | 45.3 | 9.7 | 41   | 36.6 | 8.7 | 9.1 | 10.9 | 6.4 |

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

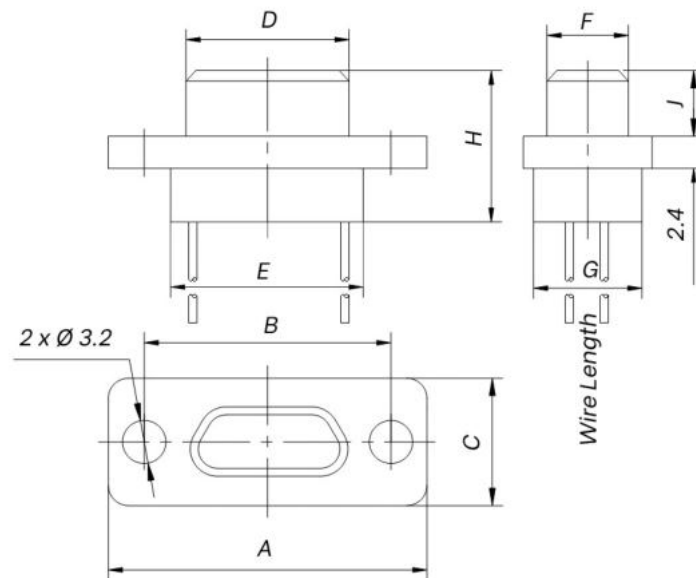
### Pre-Wired Connectors



| Connector type | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30JD-9TJ      | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-15TJ     | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-21TJ     | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-25TJ     | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-31TJ     | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-37TJ     | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30JD-51TJ     | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30JD-66TJ     | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30JD-74TJ     | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30JD-100TJ    | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30JD-9ZK      | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-15ZK     | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-21ZK     | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-25ZK     | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-31ZK     | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-37ZK     | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30JD-51ZK     | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30JD-66ZK     | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30JD-74ZK     | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30JD-100ZK    | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

## Dimensions

### Pre-Wired Connectors



| Connector type | A    | B     | C  | D    | E    | F   | G   | H  | J   |
|----------------|------|-------|----|------|------|-----|-----|----|-----|
| J30JM-9ZK      | 19.6 | 14.3  | 12 | 9.8  | 9.9  | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-15ZK     | 23.5 | 18.2  | 12 | 13.7 | 13.8 | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-21ZK     | 27.4 | 22    | 12 | 17.4 | 17.6 | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-25ZK     | 29.8 | 24.5  | 12 | 20   | 20.2 | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-31ZK     | 33.6 | 28.3  | 12 | 23.8 | 24   | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-37ZK     | 37.4 | 32.2  | 12 | 27.7 | 27.8 | 6.1 | 6.8 | 15 | 4.9 |
| J30JM-51ZK     | 36.4 | 30.86 | 13 | 26.5 | 26.6 | 7.2 | 7.9 | 15 | 4.9 |
| J30JM-66ZK     | 42.9 | 37.3  | 13 | 32.9 | 33   | 7.2 | 7.9 | 15 | 4.9 |
| J30JM-74ZK     | 38.8 | 33.5  | 14 | 29   | 29.1 | 8.3 | 9.1 | 15 | 4.9 |
| J30JM-100ZK    | 54.7 | 45.7  | 14 | 36.6 | 36.6 | 8.3 | 9.1 | 15 | 4.9 |

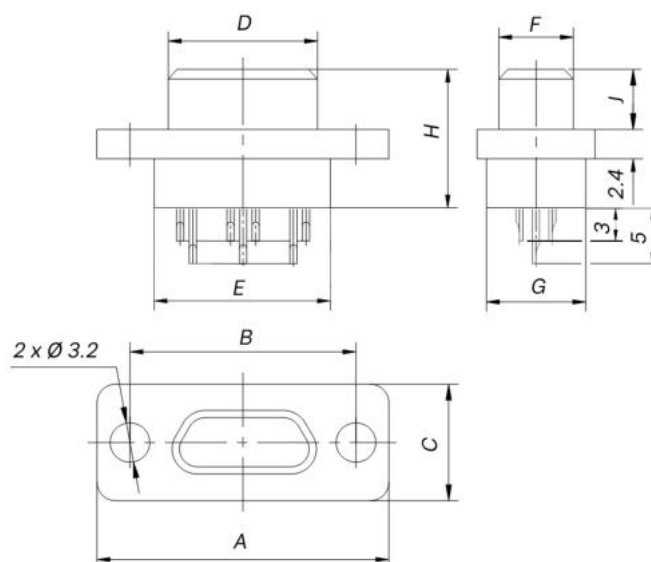
Note: rubber gasket not provided

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

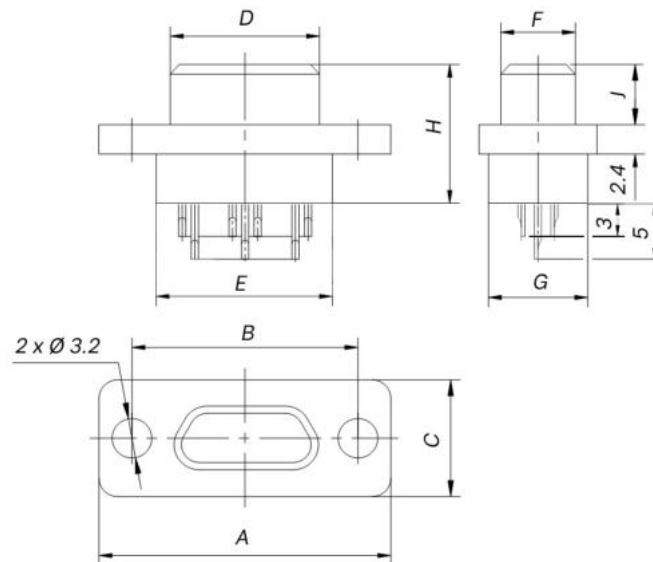
### Solder Cup Connectors



| Connector type | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJ       | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJ      | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJ      | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJ      | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJ      | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJ      | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJ      | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJ      | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJ      | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJ     | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZK       | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-15ZK      | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-21ZK      | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-25ZK      | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-31ZK      | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-37ZK      | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-51ZK      | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-66ZK      | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-74ZK      | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30J-100ZK     | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

## Dimensions

### Solder Cup Connectors



| Connector type | A    | B     | C    | D    | E    | F   | G   | H    | J   |
|----------------|------|-------|------|------|------|-----|-----|------|-----|
| J30JM-9ZK      | 19.6 | 14.3  | 11.6 | 9.8  | 9.9  | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-15ZK     | 23.5 | 18.2  | 11.6 | 13.7 | 13.8 | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-21ZK     | 27.4 | 22    | 11.6 | 17.4 | 17.6 | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-25ZK     | 29.8 | 24.5  | 11.6 | 20   | 20.2 | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-31ZK     | 33.6 | 28.3  | 11.6 | 23.8 | 24   | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-37ZK     | 37.4 | 32.2  | 11.6 | 27.7 | 27.8 | 6.1 | 6.8 | 13   | 4.9 |
| J30JM-51ZK     | 36.4 | 30.86 | 12.7 | 26.5 | 26.6 | 7.2 | 7.9 | 13   | 4.9 |
| J30JM-66ZK     | 42.9 | 37.3  | 12.7 | 32.9 | 33   | 7.2 | 7.9 | 13   | 4.9 |
| J30JM-74ZK     | 38.8 | 33.5  | 13.7 | 29   | 29.1 | 8.3 | 9.1 | 12.5 | 4.9 |
| J30JM-100ZK    | 54.7 | 45.7  | 13.7 | 36.6 | 36.6 | 8.3 | 9.1 | 12.5 | 4.9 |

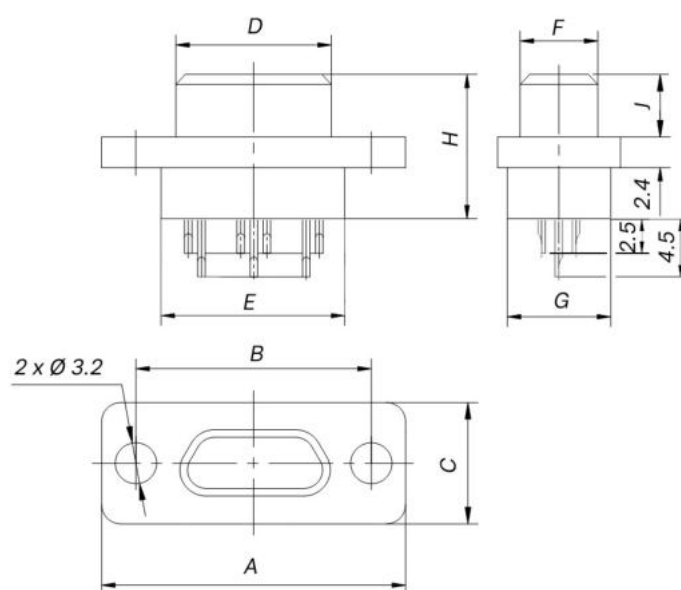
Note: rubber gasket not provided

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

### Solder Cup Connectors



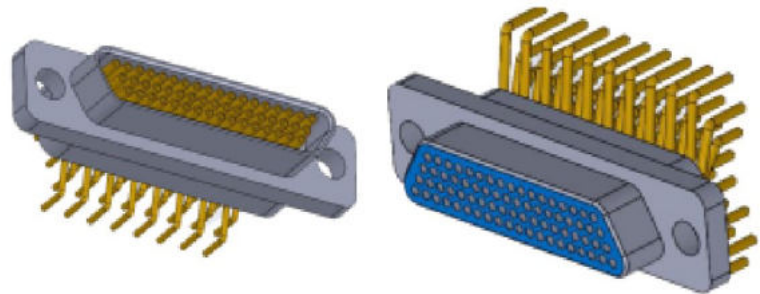
| Connector type | A    | B     | C  | D    | E    | F   | G   | H   | J   |
|----------------|------|-------|----|------|------|-----|-----|-----|-----|
| J30JM1-9ZK     | 19.6 | 14.3  | 12 | 9.8  | 9.9  | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-15ZK    | 23.5 | 18.2  | 12 | 13.7 | 13.8 | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-21ZK    | 27.4 | 22    | 12 | 17.4 | 17.6 | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-25ZK    | 29.8 | 24.5  | 12 | 20   | 20.2 | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-31ZK    | 33.6 | 28.3  | 12 | 23.8 | 24   | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-37ZK    | 37.4 | 32.2  | 12 | 27.7 | 27.8 | 6.1 | 6.8 | 9.9 | 4.9 |
| J30JM1-51ZK    | 36.4 | 30.86 | 13 | 26.5 | 26.6 | 7.2 | 7.9 | 9.9 | 4.9 |

Note: rubber gasket not provided



## J30J series twisted pin micro rectangular electrical connectors

### Printed Circuit Board Connectors Vertical Mount thru-hole



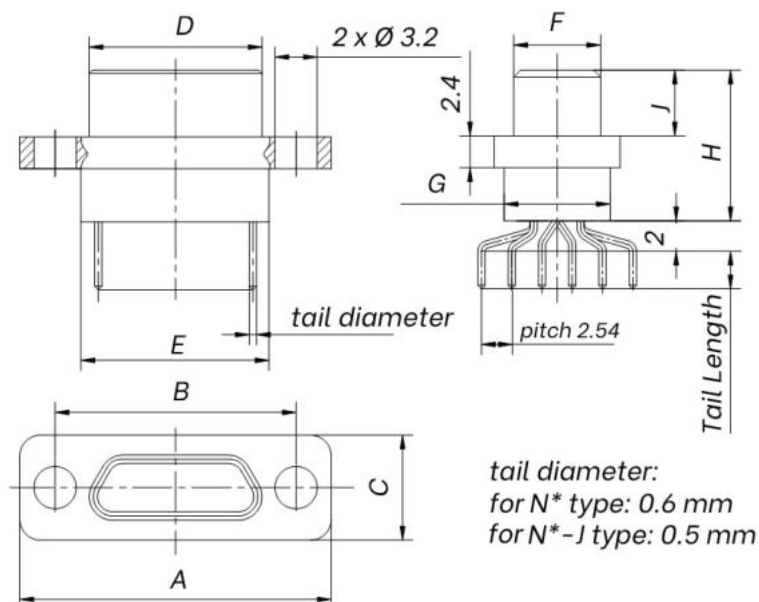
| Basic series                                                                   | J30J | - | 25 | TJ | W | -S |
|--------------------------------------------------------------------------------|------|---|----|----|---|----|
| Shell Type:                                                                    |      |   |    |    |   |    |
| Omit = standard version (aluminum/nickel)                                      |      |   |    |    |   |    |
| A = quick locking Receptacle                                                   |      |   |    |    |   |    |
| C = shell material is tin phosphor bronze and nickel plating                   |      |   |    |    |   |    |
| D = mounting hole is changed to M2-6H                                          |      |   |    |    |   |    |
| M = glue sealing version                                                       |      |   |    |    |   |    |
| M1 = sintered glass sealing version                                            |      |   |    |    |   |    |
| Contact layouts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100                        |      |   |    |    |   |    |
| Connector type:                                                                |      |   |    |    |   |    |
| ZK = receptacle with sockets                                                   |      |   |    |    |   |    |
| TJ = plug with pins                                                            |      |   |    |    |   |    |
| Termination Type:                                                              |      |   |    |    |   |    |
| N = Vertical Board Mount Connector, grid size 2.54 x 2.54, Tail Length 3.7 mm  |      |   |    |    |   |    |
| N3 = Vertical Board Mount Receptacle, grid size 2.54 x 2.5, Tail Length 4.7 mm |      |   |    |    |   |    |
| N4 = Vertical Board Mount Connector, grid size 2.54 x 2.5, Tail Length 5.2 mm  |      |   |    |    |   |    |
| N8 = Vertical Board Mount Plug, grid size 2.54 x 2.5, Tail Length 6 mm         |      |   |    |    |   |    |
| Hardware Options:                                                              |      |   |    |    |   |    |
| Omit = No Hardware                                                             |      |   |    |    |   |    |
| Hardware Type P                                                                |      |   |    |    |   |    |
| Hardware Type L                                                                |      |   |    |    |   |    |
| Hardware Type K                                                                |      |   |    |    |   |    |
| Hardware Type V                                                                |      |   |    |    |   |    |
| (See J30J Hardware components)                                                 |      |   |    |    |   |    |
| Shell Material/Finish:                                                         |      |   |    |    |   |    |
| Omit = Aluminum/Nickel                                                         |      |   |    |    |   |    |
| G = Aluminum/Cadmium                                                           |      |   |    |    |   |    |
| Modification Option:                                                           |      |   |    |    |   |    |
| Omit = standard version                                                        |      |   |    |    |   |    |
| J = Vertical Board Mount, grid size 1.27 x 2.54                                |      |   |    |    |   |    |

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

Vertical Mount thru-hole (need a consultation)

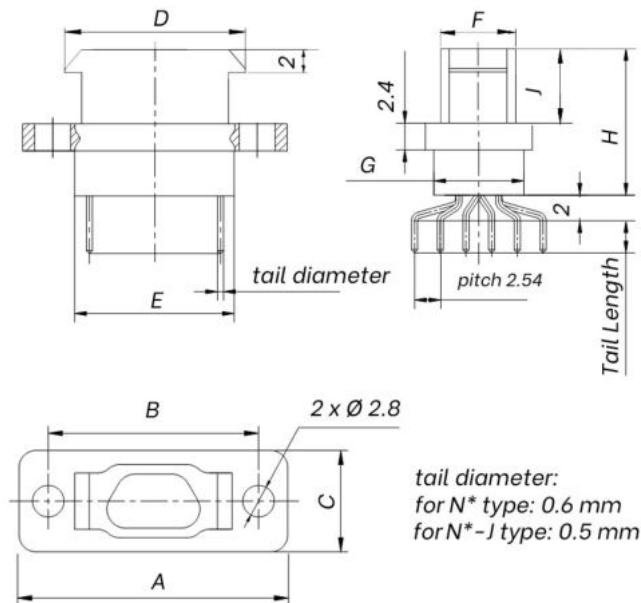


| Connector type   | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|------------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJN*(-J)   | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJN*(-J)  | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJN*(-J)  | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJN*(-J)  | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJN*(-J)  | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJN*(-J)  | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJN*(-J)  | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJN*(-J)  | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJN*(-J)  | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJN*(-J) | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZKN*(-J)   | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-15ZKN*(-J)  | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-21ZKN*(-J)  | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-25ZKN*(-J)  | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-31ZKN*(-J)  | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-37ZKN*(-J)  | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-51ZKN*(-J)  | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-66ZKN*(-J)  | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-74ZKN*(-J)  | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30J-100ZKN*(-J) | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

\* – see Termination Type

## Dimensions

Quick lock Receptacles (need a consultation)



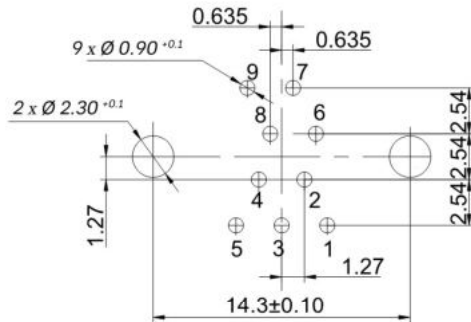
| Connector type    | A    | B    | C   | D    | E    | F   | G   | H    | J   |
|-------------------|------|------|-----|------|------|-----|-----|------|-----|
| J30JA-9ZKN*(-J)   | 23.4 | 18.6 | 7.6 | 14.3 | 9.9  | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-15ZKN*(-J)  | 27.4 | 22.6 | 7.6 | 18.3 | 13.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-21ZKN*(-J)  | 31.1 | 26.3 | 7.6 | 22   | 17.6 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-25ZKN*(-J)  | 33.7 | 28.9 | 7.6 | 24.6 | 20.2 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-31ZKN*(-J)  | 37.5 | 32.7 | 7.6 | 28.4 | 24   | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-37ZKN*(-J)  | 41.4 | 36.6 | 7.6 | 32.3 | 27.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-51ZKN*(-J)  | 40.1 | 35.3 | 8.7 | 31   | 26.6 | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-66ZKN*(-J)  | 46.5 | 41.7 | 8.7 | 37.4 | 33   | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-74ZKN*(-J)  | 42.6 | 37.8 | 9.7 | 33.5 | 29.1 | 8.7 | 9.1 | 10.9 | 6.4 |
| J30JA-100ZKN*(-J) | 50.1 | 45.3 | 9.7 | 41   | 36.6 | 8.7 | 9.1 | 10.9 | 6.4 |

\* – see Termination Type

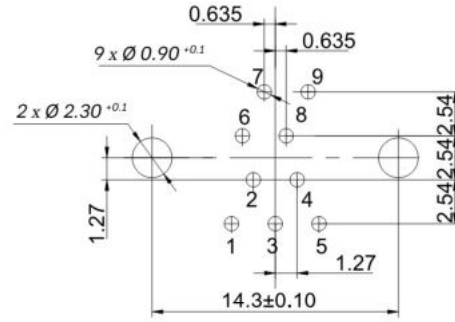
# J30J series twisted pin micro rectangular electrical connectors



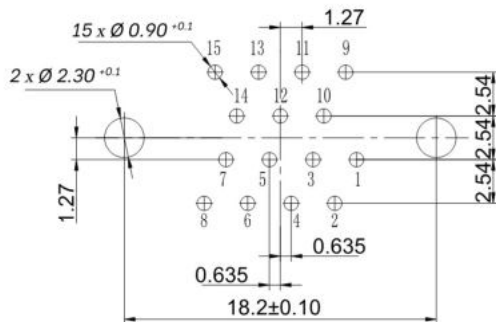
## PCB Layouts



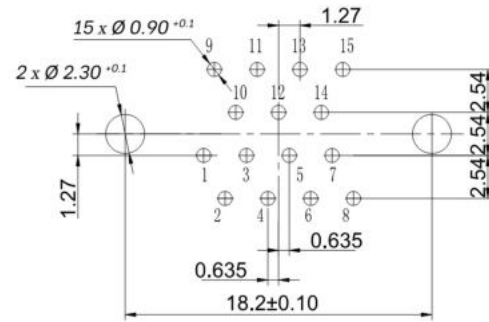
J30J-9TJN, TJN4, TJN8



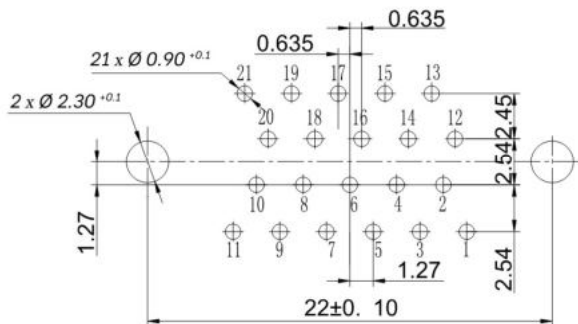
J30J-9ZKN, ZKN3, ZKN4



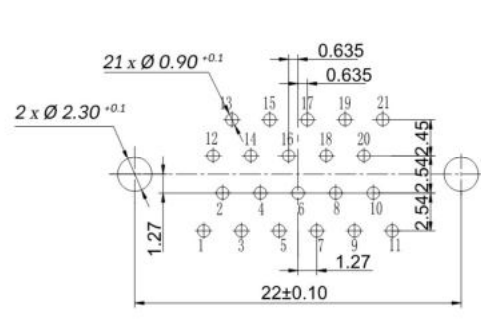
J30J-15TJN, TJN4, TJN8



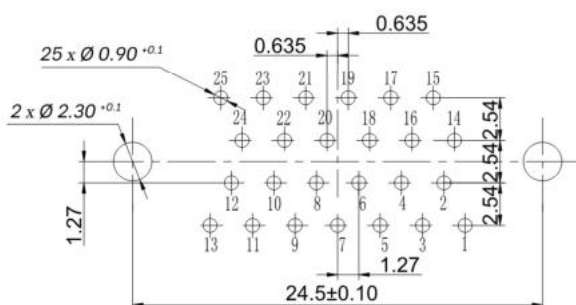
J30J-15ZKN, ZKN3, ZKN4



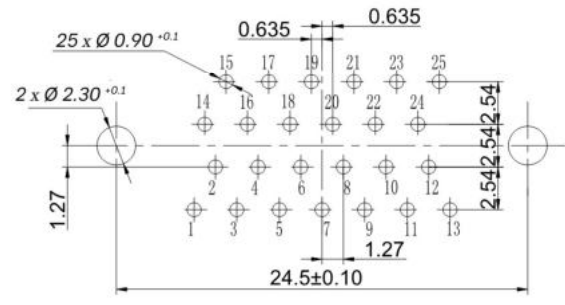
J30J-21TJN, TJN4, TJN8



J30J-21ZKN, ZKN3, ZKN4



J30J-25TJN, TJN4, TJN8

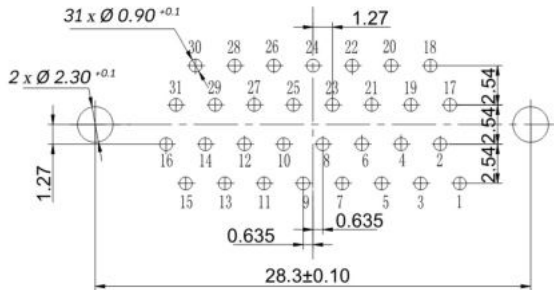


J30J-25ZKN, ZKN3, ZKN4

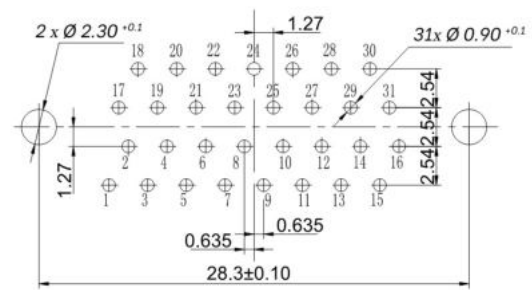


# J30J series twisted pin micro rectangular electrical connectors

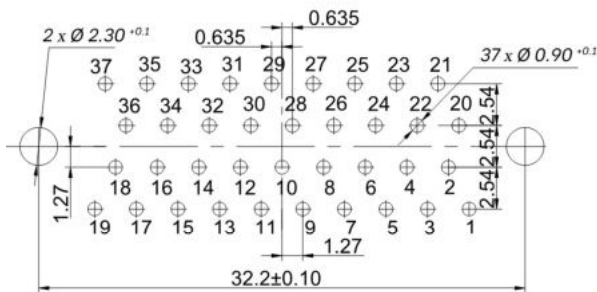
## PCB Layouts



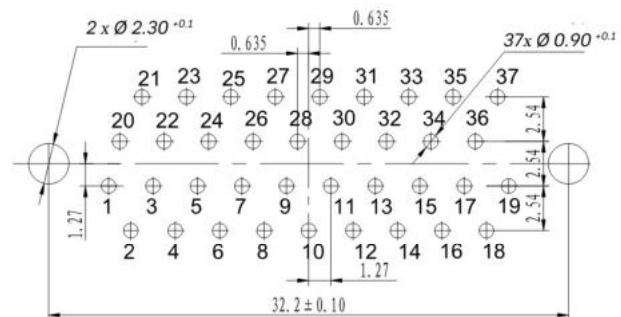
J30J-31TJN, TJN4, TJN8



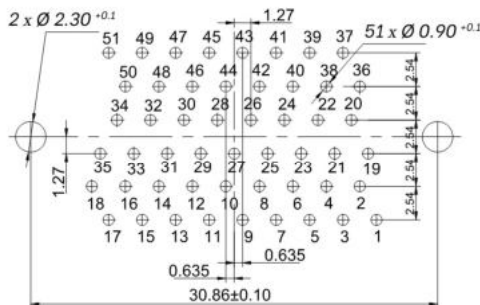
J30J-31ZKN, ZKN3, ZKN4



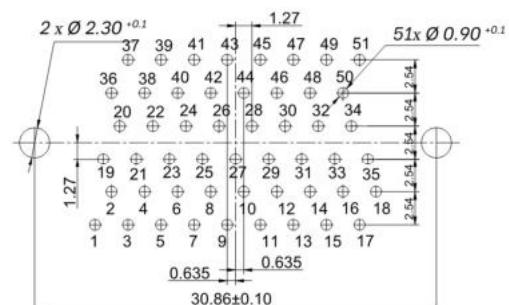
J30J-37TJN, TJN4, TJN8



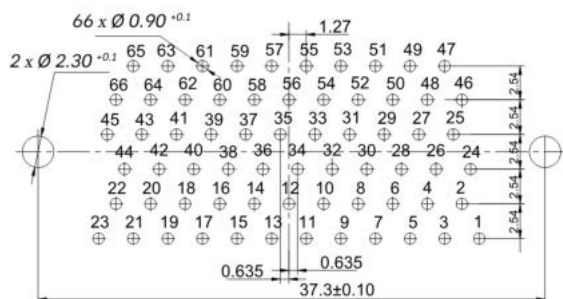
J30J-37ZKN, ZKN3, ZKN4



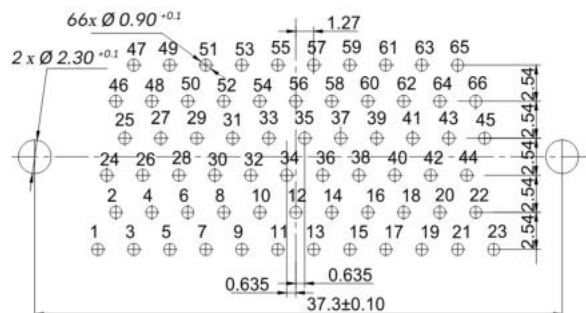
J30J-51TJN, TJN4



J30J-51ZKN, ZKN3, ZKN4



J30J-66TJN, TJN4

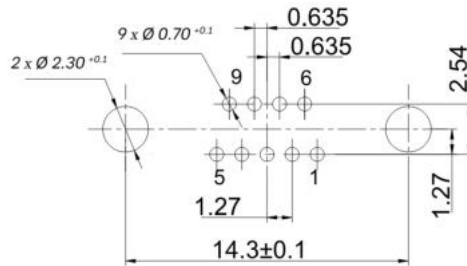


J30J-66ZKN, ZKN3, ZKN4

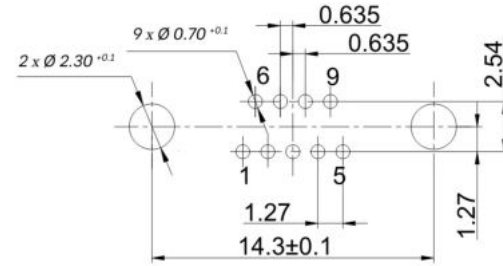
# J30J series twisted pin micro rectangular electrical connectors



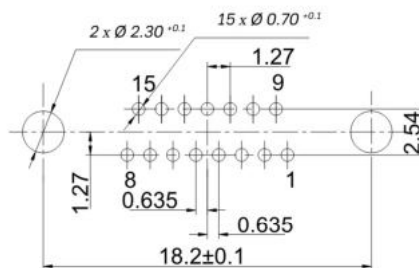
## PCB Layouts



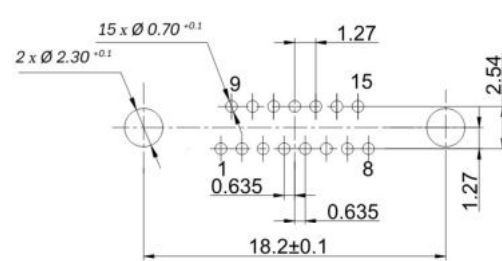
J30J-9TJN-J



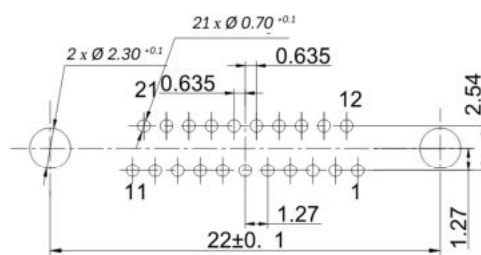
J30J-9ZKN-J, ZKN4-J



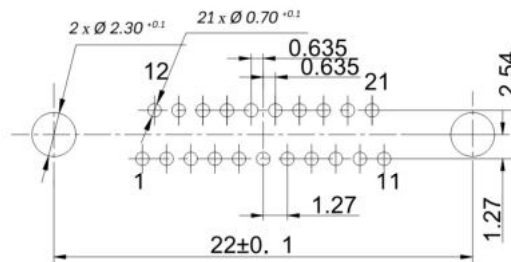
J30J-15TJN-J



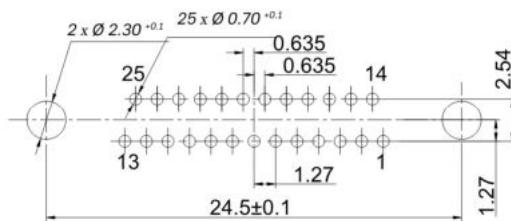
J30J-15ZKN-J, ZKN4-J



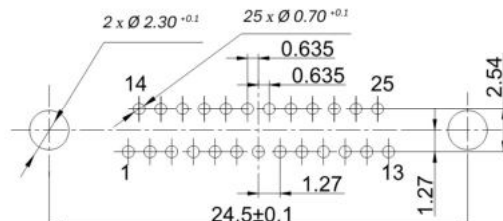
J30J-21TJN-J



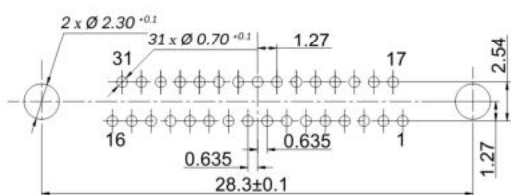
J30J-21ZKN-J, ZKN4-J



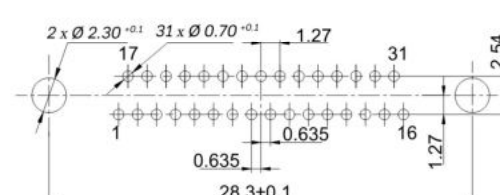
J30J-25TJN-J



J30J-25ZKN-J, ZKN4-J



J30J-31TJN-J

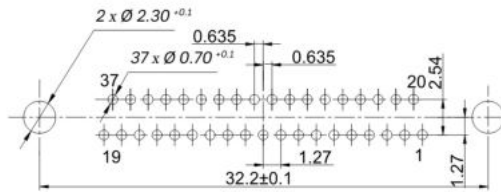


J30J-31ZKN-J, ZKN4-J

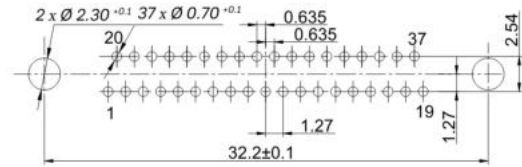


# J30J series twisted pin micro rectangular electrical connectors

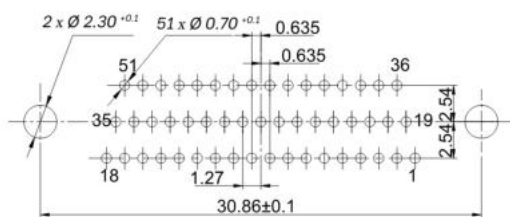
## PCB Layouts



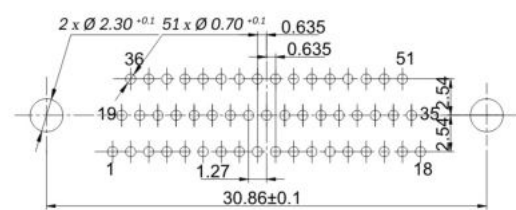
J30J-37TJN-J



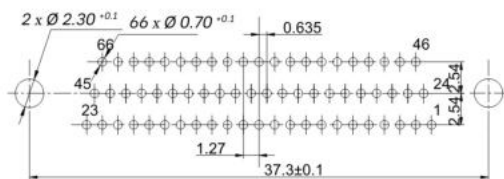
J30J-37ZKN-J, ZKN4-J



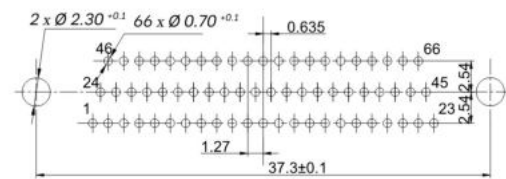
J30J-51TJN-J



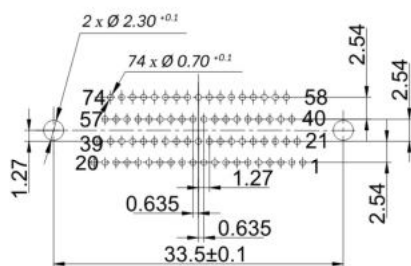
J30J-51ZKN-J, ZKN4-J



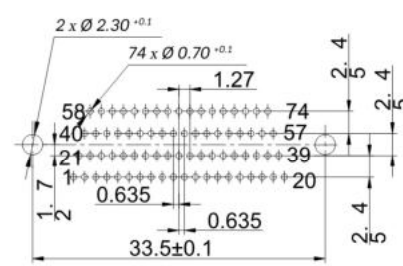
J30J-66TJN-J



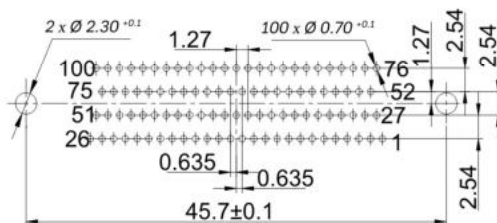
J30J-66ZKN-J, ZKN4-J



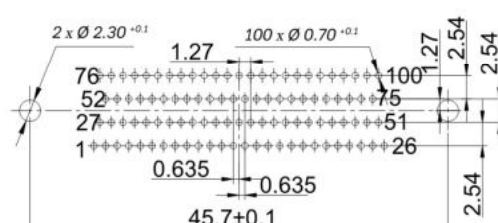
J30J-74TJN-J



J30J-74ZKN-J, ZKN4-J



J30J-100TJN-J

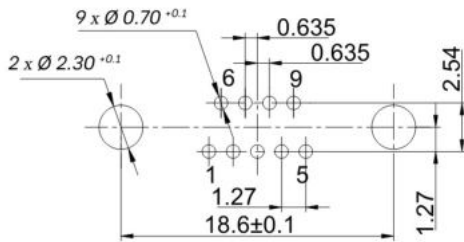


J30J-100ZKN-J, ZKN4-J

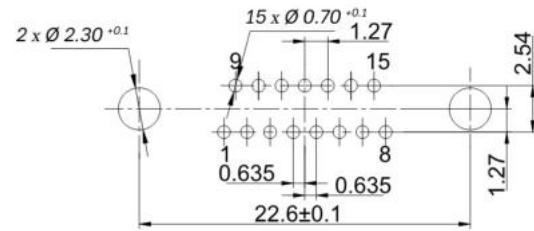
# J30J series twisted pin micro rectangular electrical connectors



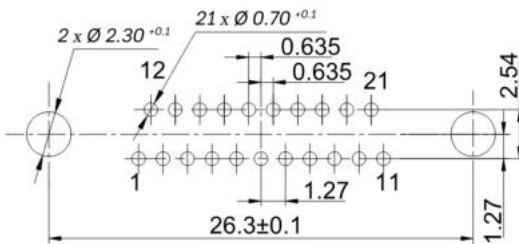
## PCB Layouts



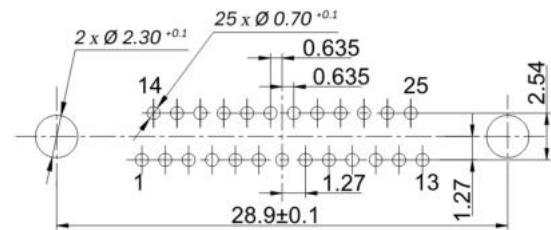
J30JA-9ZKN-J



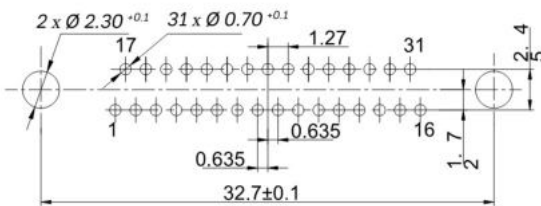
J30JA-15ZKN-J



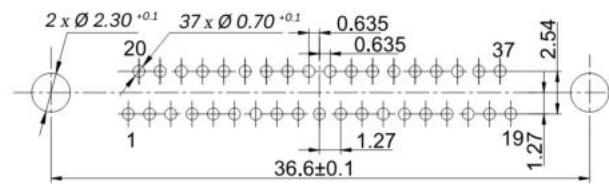
J30JA-21ZKN-J



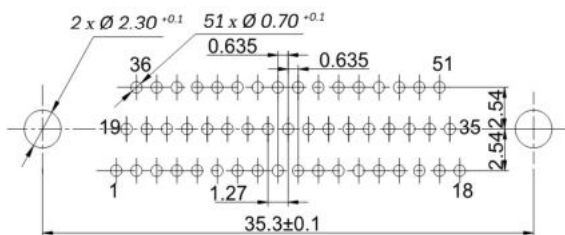
J30JA-25ZKN-J



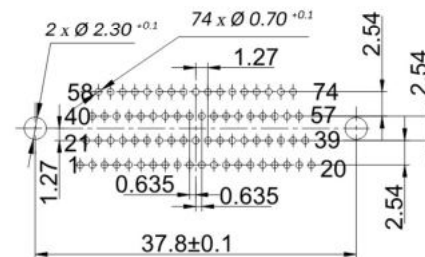
J30JA-31ZKN-J



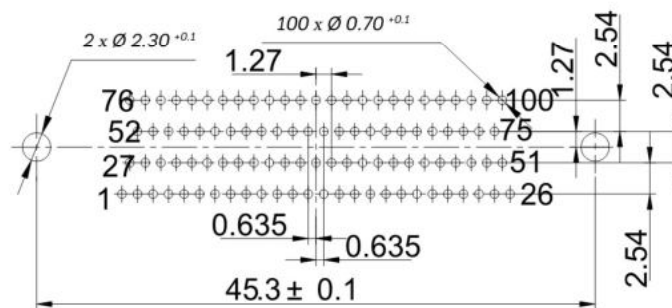
J30JA-37ZKN-J



J30JA-51ZKN-J



J30JA-74ZKN-J

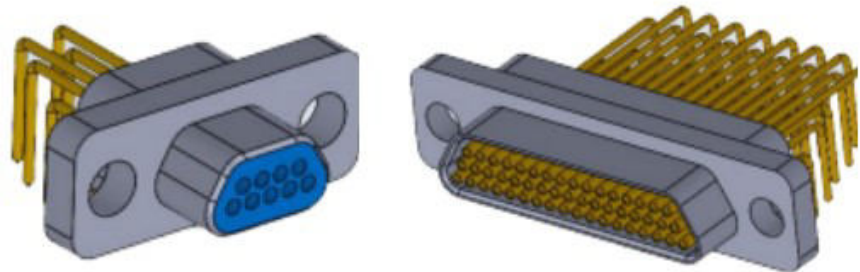


J30JA-100ZKN-J



## J30J series twisted pin micro rectangular electrical connectors

### Printed Circuit Board Connectors Right Angle Mount thru-hole



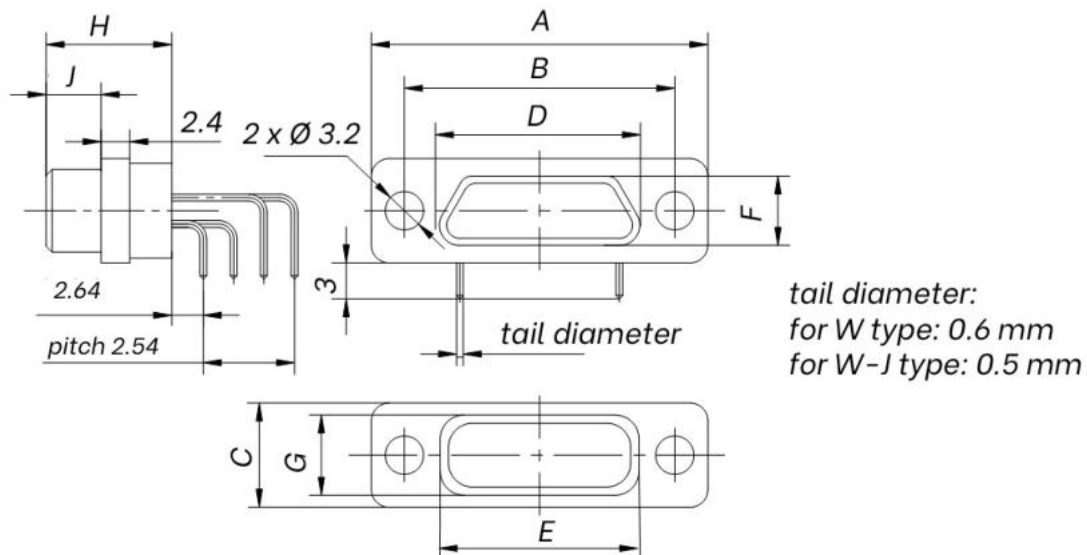
| Basic series                                                 | J30J | - | 25 | TJ | W | -J |
|--------------------------------------------------------------|------|---|----|----|---|----|
| Shell Type:                                                  |      |   |    |    |   |    |
| Omit = standard version (aluminum/nickel)                    |      |   |    |    |   |    |
| A = quick locking type                                       |      |   |    |    |   |    |
| C = shell material is tin phosphor bronze and nickel plating |      |   |    |    |   |    |
| D = mounting hole is changed to M2-6H                        |      |   |    |    |   |    |
| M = glue sealing version                                     |      |   |    |    |   |    |
| M1 = sintered glass sealing version                          |      |   |    |    |   |    |
| Contact layouts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100      |      |   |    |    |   |    |
| Connector type:                                              |      |   |    |    |   |    |
| ZK = receptacle with sockets                                 |      |   |    |    |   |    |
| TJ = plug with pins                                          |      |   |    |    |   |    |
| Termination Type:                                            |      |   |    |    |   |    |
| W = right angle PCB                                          |      |   |    |    |   |    |
| Hardware Options:                                            |      |   |    |    |   |    |
| Omit = No Hardware                                           |      |   |    |    |   |    |
| Hardware Type P                                              |      |   |    |    |   |    |
| Hardware Type L                                              |      |   |    |    |   |    |
| Hardware Type K                                              |      |   |    |    |   |    |
| Hardware Type V                                              |      |   |    |    |   |    |
| (See J30J Hardware components)                               |      |   |    |    |   |    |
| Shell Material/Finish:                                       |      |   |    |    |   |    |
| Omit = Aluminum/Nickel                                       |      |   |    |    |   |    |
| G = Aluminum/Cadmium                                         |      |   |    |    |   |    |
| Modification Option:                                         |      |   |    |    |   |    |
| Omit = standard version                                      |      |   |    |    |   |    |
| J = Right Angle Board Mount, grid size 1.27 x 2.54           |      |   |    |    |   |    |

# J30J series twisted pin micro rectangular electrical connectors



## Dimensions

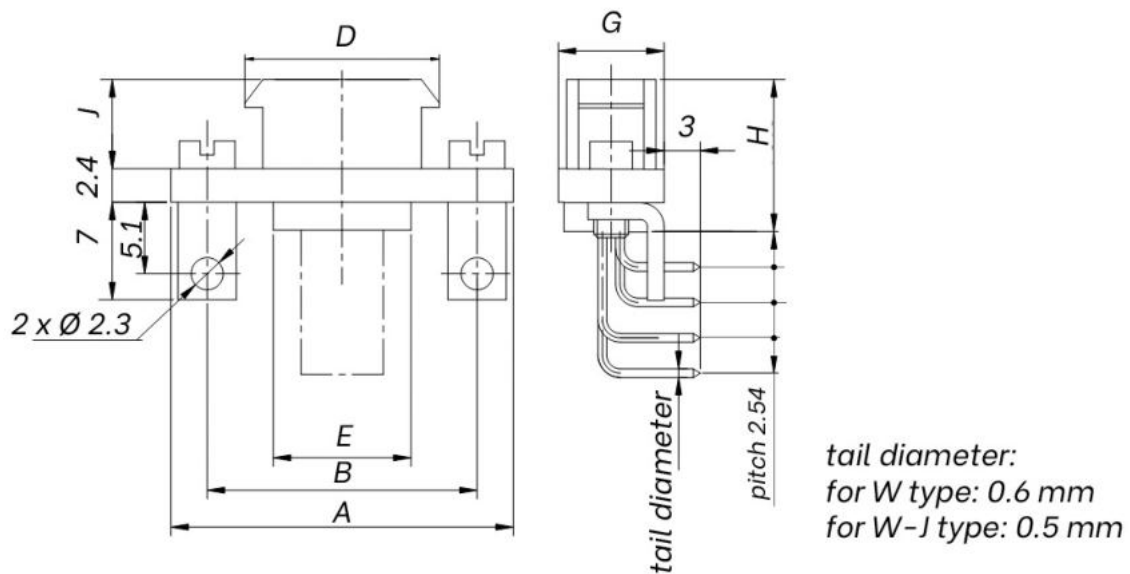
Right Angle Thru-Hole (need a consultation)



| Connector type  | A    | B     | C   | D    | E    | F   | G   | H    | J   |
|-----------------|------|-------|-----|------|------|-----|-----|------|-----|
| J30J-9TJW(-J)   | 19.6 | 14.3  | 7.6 | 8.3  | 9.9  | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-15TJW(-J)  | 23.5 | 18.2  | 7.6 | 12.3 | 13.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-21TJW(-J)  | 27.4 | 22    | 7.6 | 16   | 17.6 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-25TJW(-J)  | 29.8 | 24.5  | 7.6 | 18.6 | 20.2 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-31TJW(-J)  | 33.6 | 28.3  | 7.6 | 22.4 | 24   | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-37TJW(-J)  | 37.4 | 32.2  | 7.6 | 26.3 | 27.8 | 4.7 | 6.8 | 10.5 | 4.6 |
| J30J-51TJW(-J)  | 36.4 | 30.86 | 8.7 | 25   | 26.6 | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-66TJW(-J)  | 42.9 | 37.3  | 8.7 | 31.4 | 33   | 5.8 | 7.9 | 10.5 | 4.6 |
| J30J-74TJW(-J)  | 38.8 | 33.5  | 9.7 | 27.5 | 29.1 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-100TJW(-J) | 54.7 | 45.7  | 9.7 | 35.1 | 36.6 | 6.8 | 9.1 | 10.5 | 4.6 |
| J30J-9ZKW(-J)   | 19.6 | 14.3  | 7.6 | 9.8  | 9.9  | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-15ZKW(-J)  | 23.5 | 18.2  | 7.6 | 13.7 | 13.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-21ZKW(-J)  | 27.4 | 22    | 7.6 | 17.4 | 17.6 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-25ZKW(-J)  | 29.8 | 24.5  | 7.6 | 20   | 20.2 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-31ZKW(-J)  | 33.6 | 28.3  | 7.6 | 23.8 | 24   | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-37ZKW(-J)  | 37.4 | 32.2  | 7.6 | 27.7 | 27.8 | 6.1 | 6.8 | 10.9 | 4.9 |
| J30J-51ZKW(-J)  | 36.4 | 30.86 | 8.7 | 26.5 | 26.6 | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-66ZKW(-J)  | 42.9 | 37.3  | 8.7 | 32.9 | 33   | 7.2 | 7.9 | 10.9 | 4.9 |
| J30J-74ZKW(-J)  | 38.8 | 33.5  | 9.7 | 29   | 29.1 | 8.3 | 9.1 | 10.9 | 4.9 |
| J30J-100ZKW(-J) | 54.7 | 45.7  | 9.7 | 36.6 | 36.6 | 8.3 | 9.1 | 10.9 | 4.9 |

## Dimensions

Quick lock Receptacles (need a consultation)

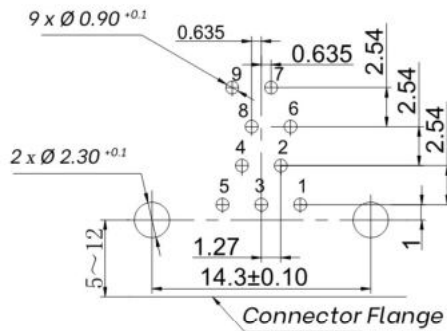


| Connector type   | A    | B    | C   | D    | E    | F   | G   | H    | J   |
|------------------|------|------|-----|------|------|-----|-----|------|-----|
| J30JA-9ZKW(-J)   | 23.4 | 18.6 | 7.6 | 14.3 | 9.9  | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-15ZKW(-J)  | 27.4 | 22.6 | 7.6 | 18.3 | 13.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-21ZKW(-J)  | 31.1 | 26.3 | 7.6 | 22   | 17.6 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-25ZKW(-J)  | 33.7 | 28.9 | 7.6 | 24.6 | 20.2 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-31ZKW(-J)  | 37.5 | 32.7 | 7.6 | 28.4 | 24   | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-37ZKW(-J)  | 41.4 | 36.6 | 7.6 | 32.3 | 27.8 | 6.5 | 6.8 | 10.9 | 6.4 |
| J30JA-51ZKW(-J)  | 40.1 | 35.3 | 8.7 | 31   | 26.6 | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-66ZKW(-J)  | 46.5 | 41.7 | 8.7 | 37.4 | 33   | 7.6 | 7.9 | 10.9 | 6.4 |
| J30JA-74ZKW(-J)  | 42.6 | 37.8 | 9.7 | 33.5 | 29.1 | 8.7 | 9.1 | 10.9 | 6.4 |
| J30JA-100ZKW(-J) | 50.1 | 45.3 | 9.7 | 41   | 36.6 | 8.7 | 9.1 | 10.9 | 6.4 |

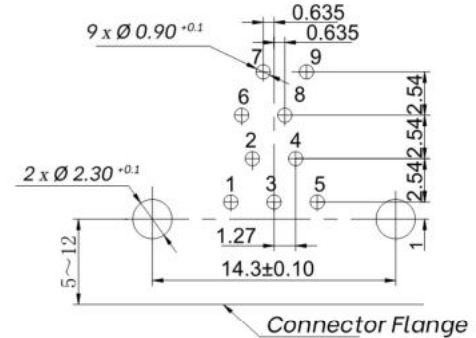
# J30J series twisted pin micro rectangular electrical connectors



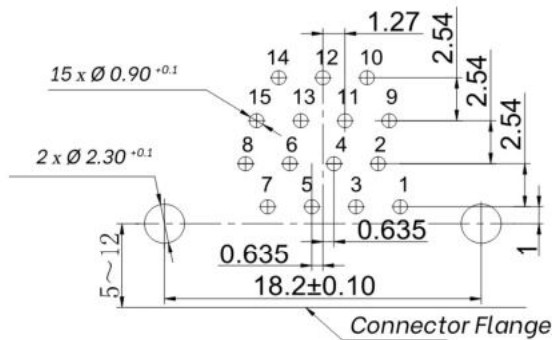
## PCB Layouts



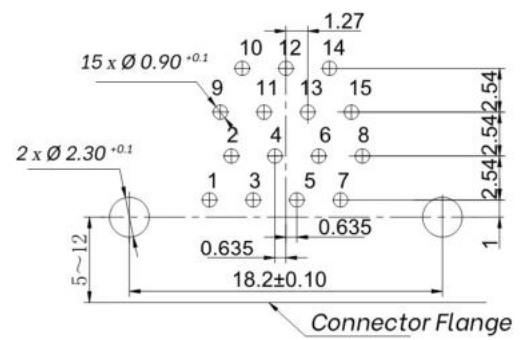
J30J-9TJW



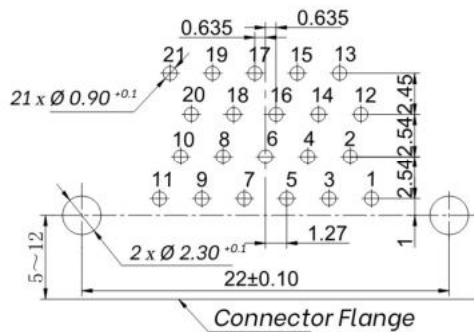
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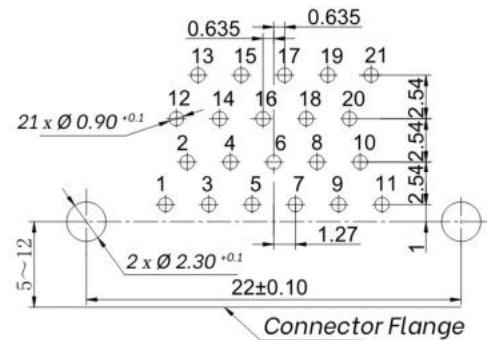
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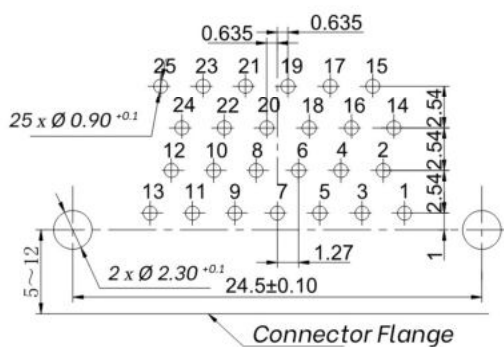
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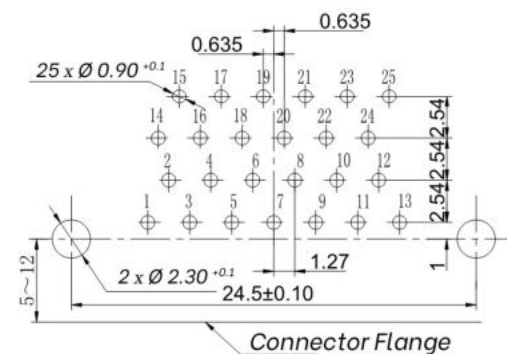
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J30J-21ZKW



J30J-25TJW

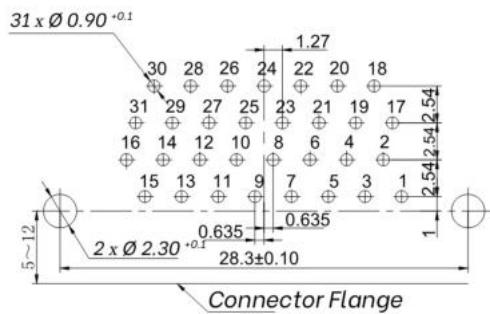


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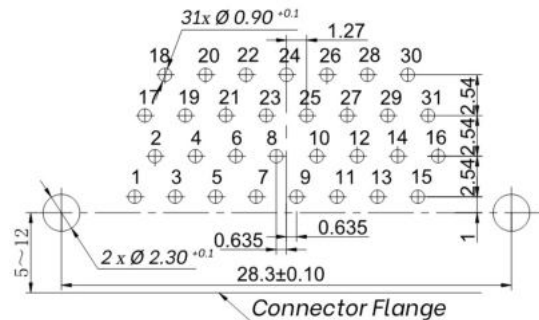


# J30J series twisted pin micro rectangular electrical connectors

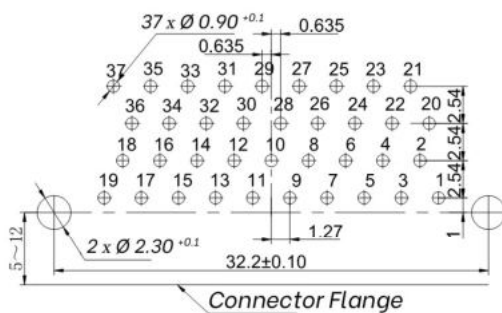
## PCB Layouts



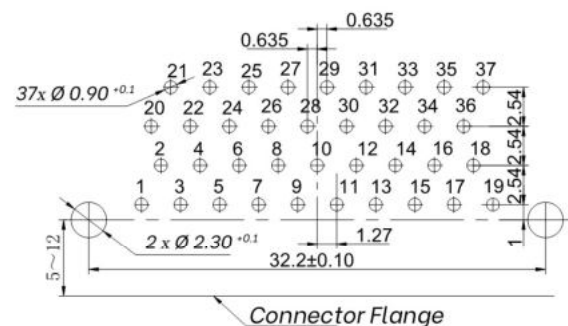
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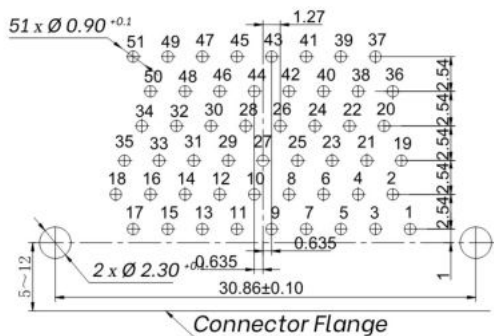
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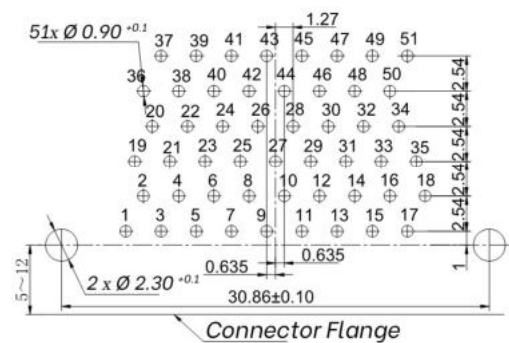
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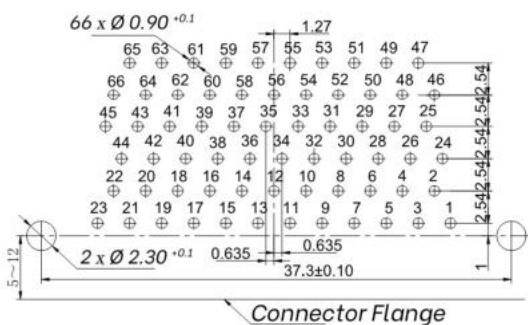
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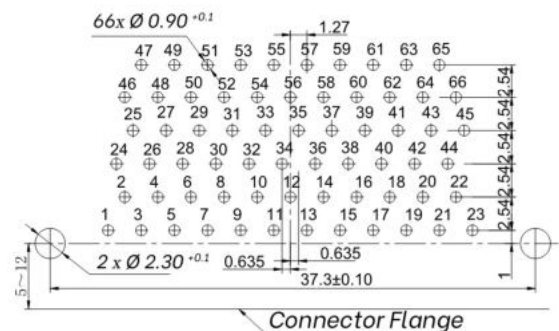
J30J-51TJW



J30J-51ZKW



J30J-66TJW

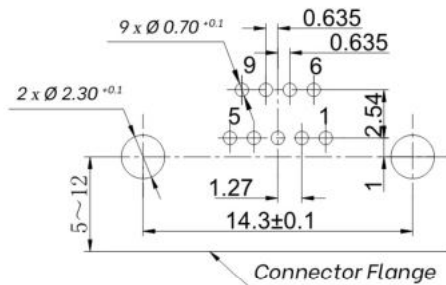


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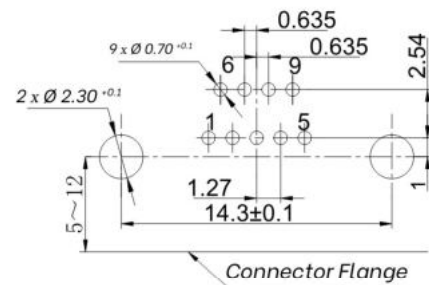
# J30J series twisted pin micro rectangular electrical connectors



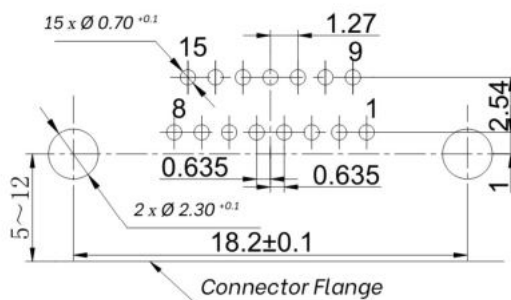
## PCB Layouts



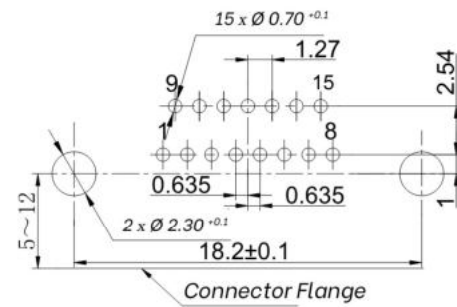
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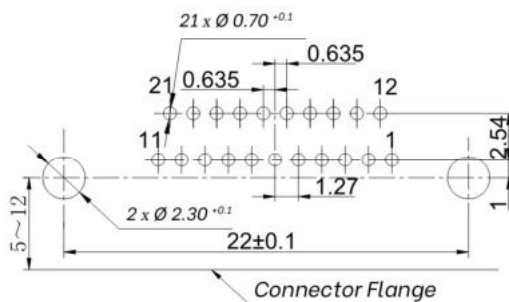
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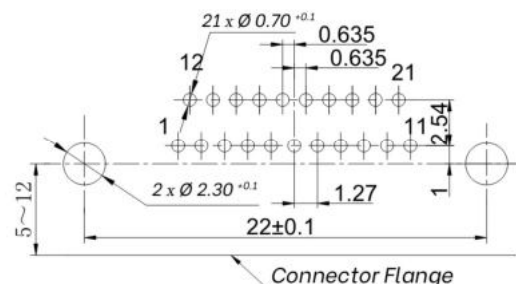
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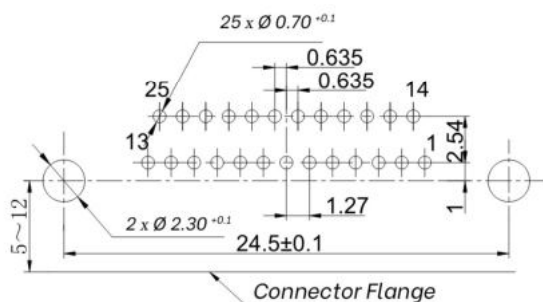
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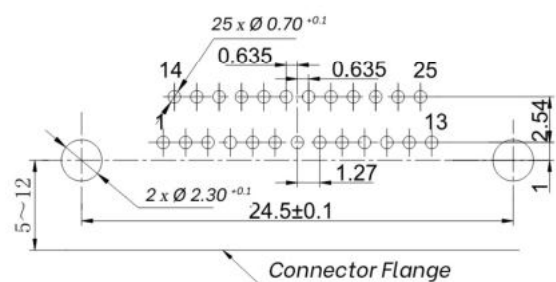
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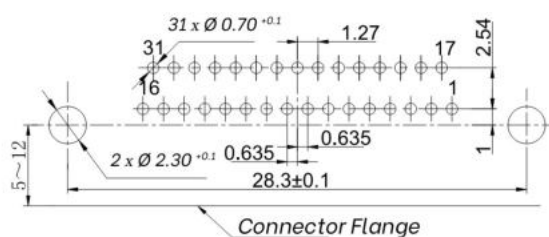
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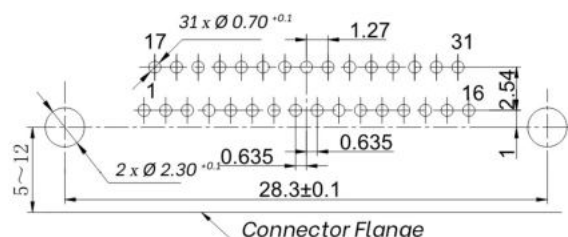
J30J-25TJW-J



J30J-25ZKW-J

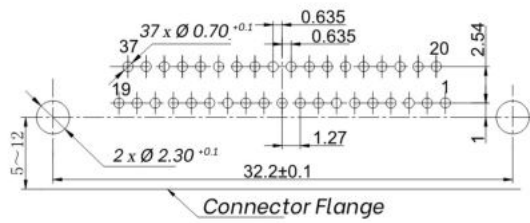


J30J-31TJW-J

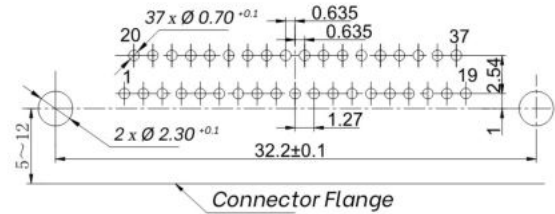


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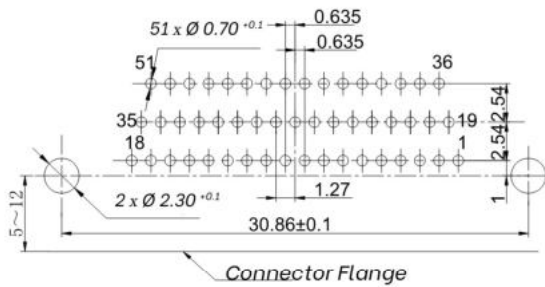
## PCB Layouts



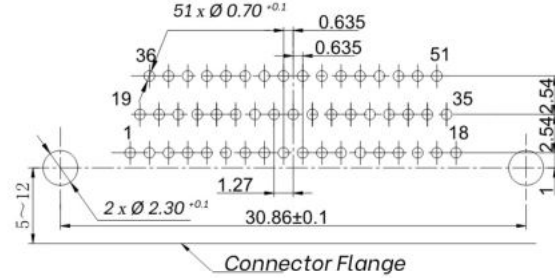
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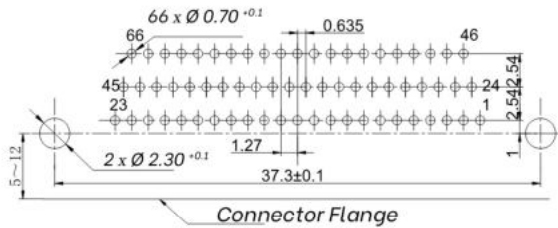
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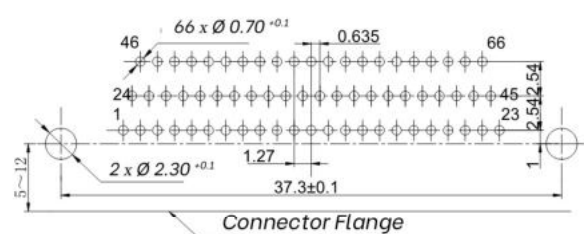
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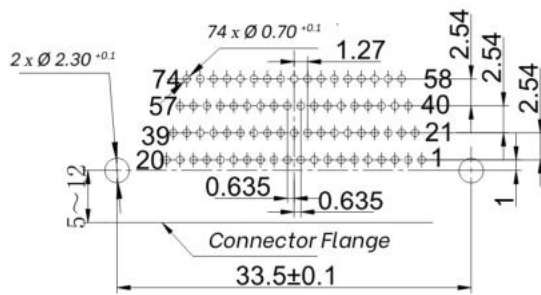
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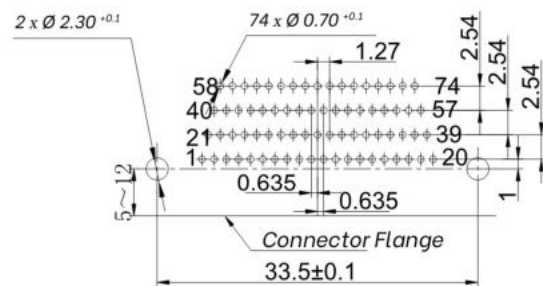
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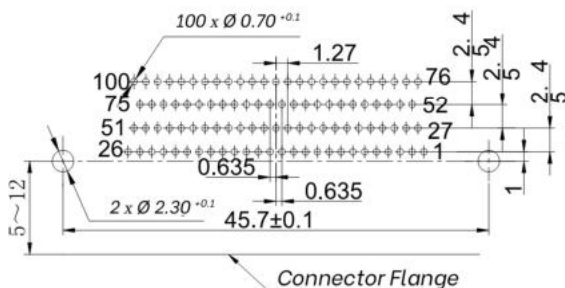
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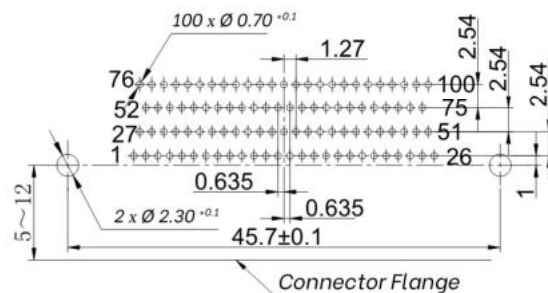
J30J-74TJW-J



J30J-74ZKW-J



J30J-100TJW-J



J30J-100ZKW-J

# PCB Layouts

J30JC-9ZKW-Q

J30JC-15ZKW-Q

J30JC-21ZKW-Q

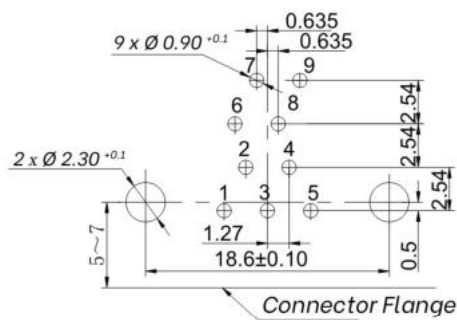
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J30JC-31ZKW-Q

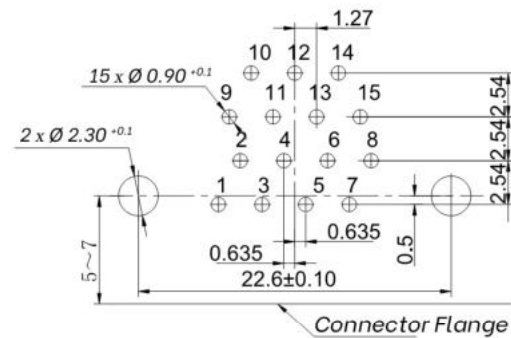
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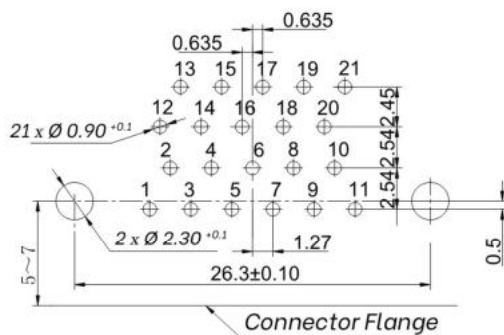
## PCB Layouts



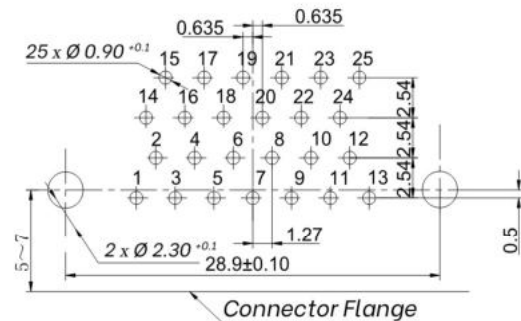
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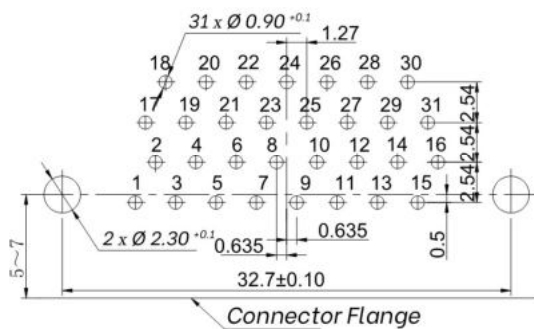
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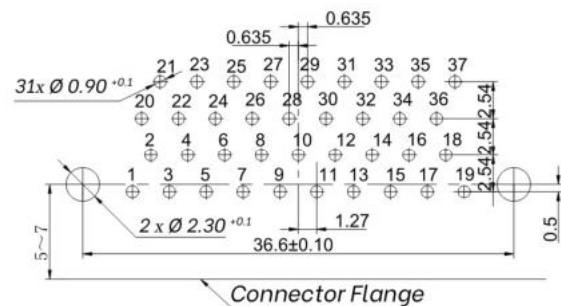
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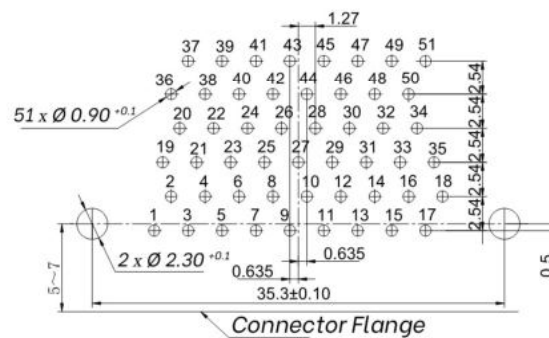
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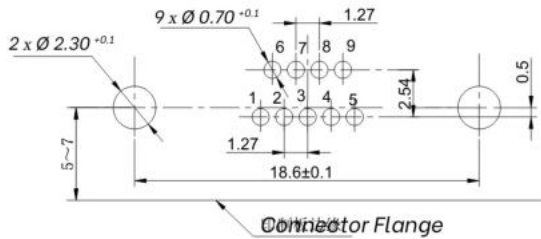


J30JA-51ZKW

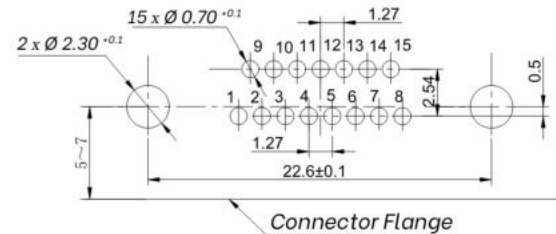
# J30J series twisted pin micro rectangular electrical connectors



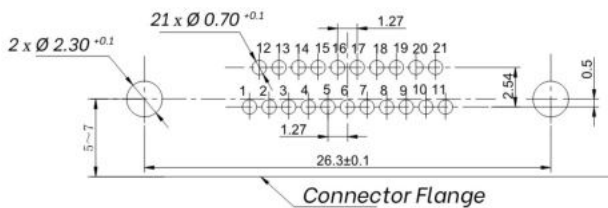
## PCB Layouts



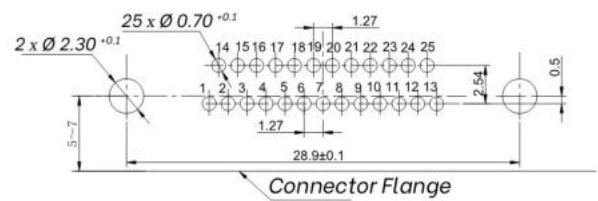
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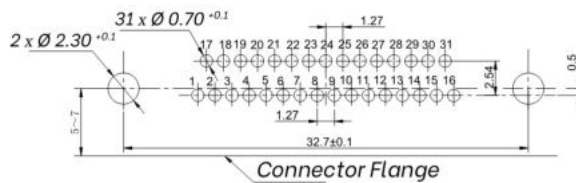
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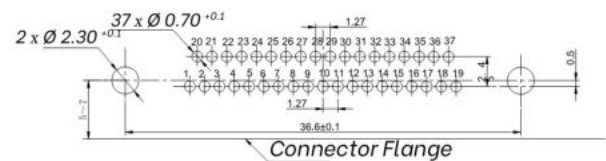
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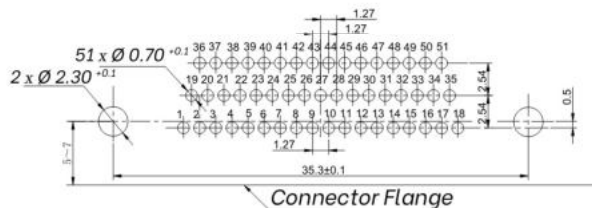
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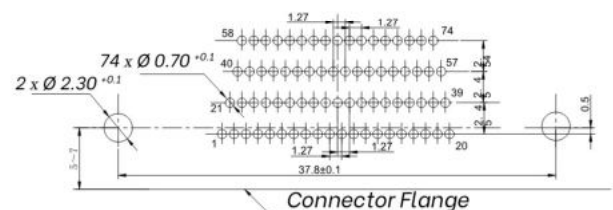
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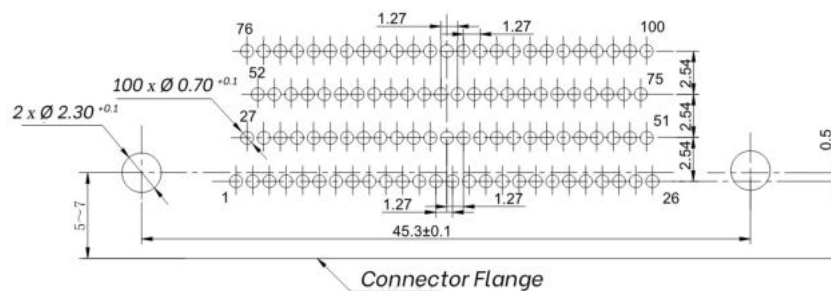
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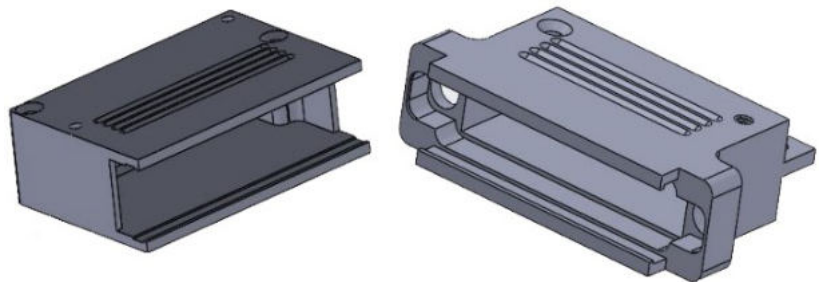


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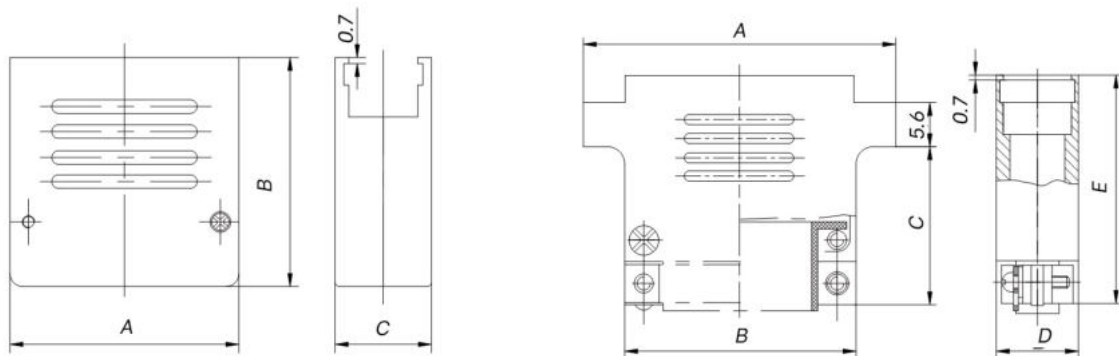
J30JA-100ZKW-J

## Backshells



## Ordering information

| Basic series                                        | J30J | A1 |
|-----------------------------------------------------|------|----|
| Backshell Type (standard version (aluminum/nickel): |      |    |
| A1 = straight Backshell                             |      |    |
| A3 = straight Backshell with cable clamp            |      |    |

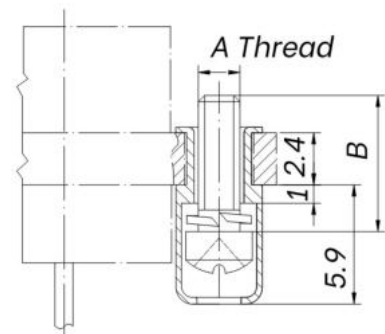


| P/N         | A    | B    | C    | P/N         | A    | B    | C    | D    | E  |
|-------------|------|------|------|-------------|------|------|------|------|----|
| J30JA-9A1   | 9.9  | 23.6 | 10.4 | J30JA-9A3   | 19.6 | 9.9  | 18.2 | 10.4 | 27 |
| J30JA-15A1  | 13.8 | 23.6 | 10.4 | J30JA-15A3  | 23.5 | 13.8 | 18.2 | 10.4 | 27 |
| J30JA-21A1  | 17.6 | 23.6 | 10.4 | J30JA-21A3  | 27.4 | 17.6 | 19.2 | 10.4 | 28 |
| J30JA-25A1  | 20.2 | 23.6 | 10.4 | J30JA-25A3  | 29.8 | 20.2 | 19.2 | 10.4 | 28 |
| J30JA-31A1  | 24   | 23.6 | 10.4 | J30JA-31A3  | 33.6 | 24   | 19.2 | 10.4 | 28 |
| J30JA-37A1  | 27.8 | 23.6 | 10.4 | J30JA-37A3  | 37.4 | 27.8 | 19.2 | 10.4 | 28 |
| J30JA-51A1  | 26.6 | 26.6 | 11.2 | J30JA-51A3  | 36.4 | 26.6 | 21.2 | 11.2 | 30 |
| J30JA-66A1  | 33   | 26.6 | 11.2 | J30JA-66A3  | 42.9 | 33   | 21.2 | 11.2 | 30 |
| J30JA-74A1  | 29.1 | 30   | 12.  | J30JA-74A3  | 38.8 | 29.1 | 21.2 | 12.  | 30 |
| J30JA-100A1 | 40.7 | 30   | 12   | J30JA-100A3 | 54.7 | 40.7 | 21.2 | 12   | 30 |

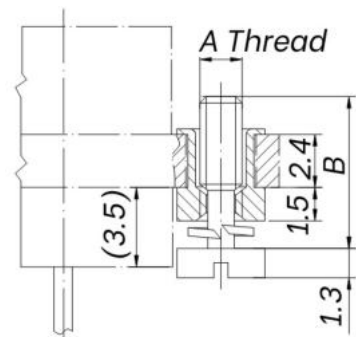
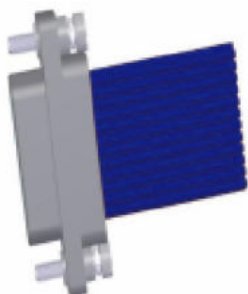
# J30J series twisted pin micro rectangular electrical connectors



## Hardware Kits



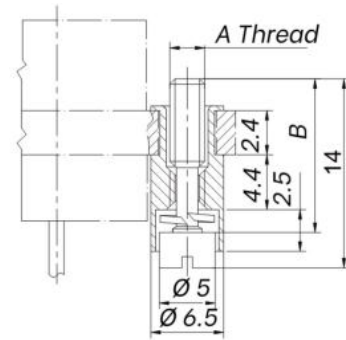
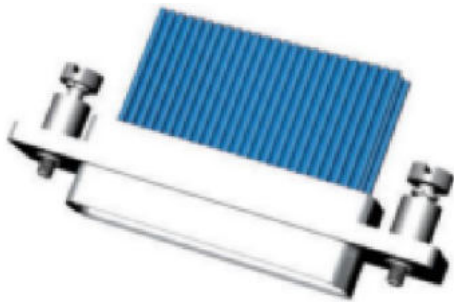
| Hardware Type | A Thread                                             | B   | Mating Parts (recommended)                                                                                                                  |
|---------------|------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------|
| 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 types |
| L8            | #2-56UNC-2A                                          | 7.1 | P1 type                                                                                                                                     |
| Kit           | 2 Slot Head Jackscrews Non-Removable + 2 lockwashers |     |                                                                                                                                             |



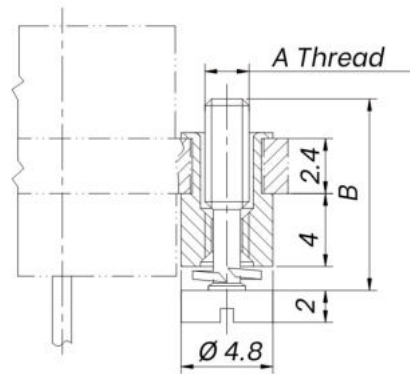
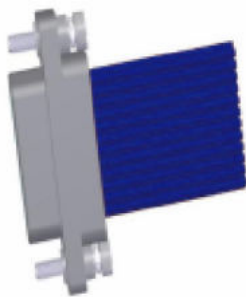
| Hardware Type | A Thread                               | B   | Mating Parts (recommended)                                                                                                                 |
|---------------|----------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------|
| L7            | M2-6h                                  | 7.1 | P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P1, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 types |
| Kit           | 2 Slot Head Jackscrews + 2 lockwashers |     |                                                                                                                                            |



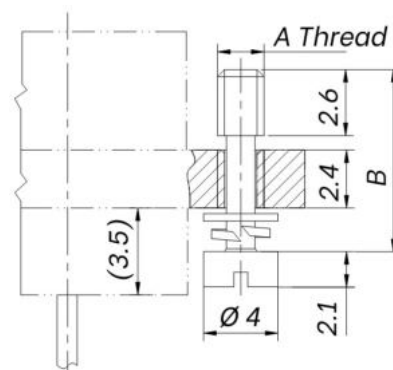
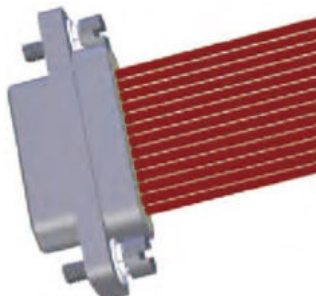
## J30J series twisted pin micro rectangular electrical connectors



| Hardware Type | A Thread                                                               | B    | Mating Parts (recommended) |
|---------------|------------------------------------------------------------------------|------|----------------------------|
| L2            | #4-40UNC-2A                                                            | 12.2 | P12, P16 and P34 types     |
| Kit           | 2 Slot Head Jackscrews + 2 lockwashers<br>NOTE: for J30J-100TJ/ZK only |      |                            |

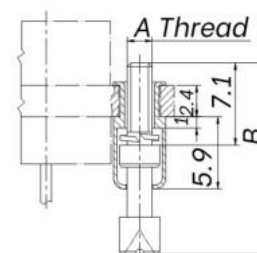
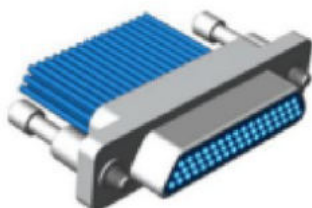


| Hardware Type | A Thread                                                               | B    | Mating Parts (recommended) |
|---------------|------------------------------------------------------------------------|------|----------------------------|
| L3            | #4-40UNC-2A                                                            | 11.5 | P12, P16 and P34 types     |
| Kit           | 2 Slot Head Jackscrews + 2 lockwashers<br>NOTE: for J30J-100TJ/ZK only |      |                            |

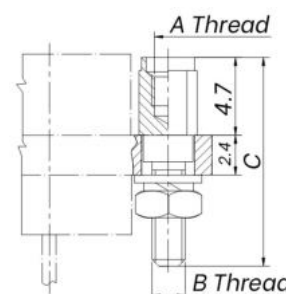
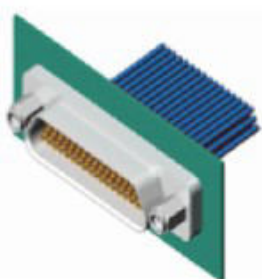


| Hardware Type | A Thread                                                               | B   | Mating Parts (recommended)                                                                                                                  |
|---------------|------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------|
| L9            | M2-6h                                                                  | 6.1 | P, P0, P2, P3, P4, P5, P7, P8, 19, P10, P11, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 types |
| Kit           | 2 Slot Head Jackscrews + 2 lockwashers<br>NOTE: for J30JD version only |     |                                                                                                                                             |

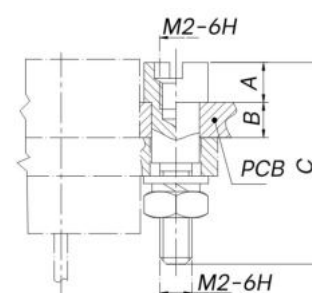
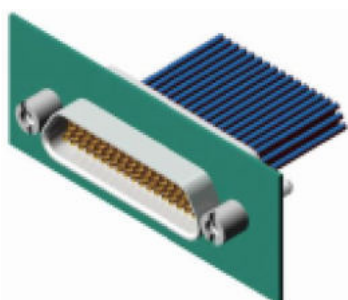
# J30J series twisted pin micro rectangular electrical connectors



| Hardware Type | A Thread                                                      | B    | Mating Parts (recommended)                                                                                                   |
|---------------|---------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------|
| K             | M2-6h                                                         | 17.7 | 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 Types |
| K1            | #2-56UNC-2A                                                   | 17.7 | P1 Type                                                                                                                      |
| Kit           | 2 Slot Head Jackscrews Non-Removable Extended + 2 lockwashers |      |                                                                                                                              |



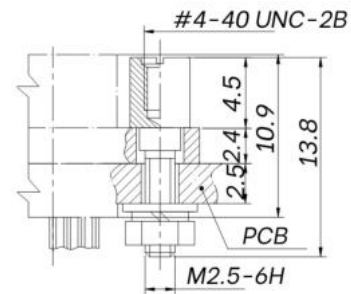
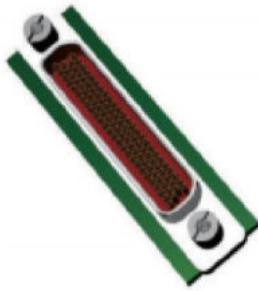
| Hardware Type | A Thread                                               | B Thread    | C    | Mating Parts (recommended) |
|---------------|--------------------------------------------------------|-------------|------|----------------------------|
| P             | M2-6H1                                                 | M2-6h       | 12.6 | L, L7, 19, K Types         |
| P1            | #2-56UNC-2B                                            | #2-56UNC-2A | 12.6 | L8, K1 Types               |
| P8            | M2-6H                                                  | M2-6h       | 15.6 | L, L7, L9, K Types         |
| P9            | M2-6H                                                  | M2-6h       | 21.6 | L, L7, L9, K Types         |
| Kit           | 2 Female Jackpost + 2 nuts + 2 washers + 2 lockwashers |             |      |                            |



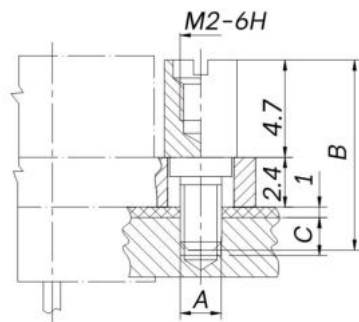
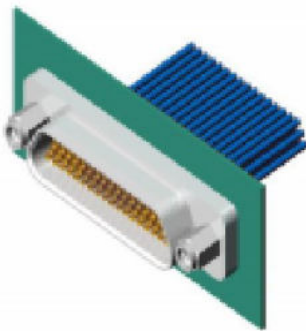
| Hardware Type | A                                                           | B   | C    | Mating Parts (recommended) |
|---------------|-------------------------------------------------------------|-----|------|----------------------------|
| P0            | 4.1                                                         | 0.6 | 12.6 | L, L7, L9, K Types         |
| P3            | 3.3                                                         | 1.4 | 12.6 | L, L7, L9, K Types         |
| P4            | 2.5                                                         | 2.2 | 12.6 | L, L7, L9, K Types         |
| P11           | 1.3                                                         | 3.4 | 12.6 | L, L7, L9, K Types         |
| P45           | 2.7                                                         | 2   | 20   | L, L7, L9, K Types         |
| Kit           | 2 Slot Head Jackscrews + 2 nuts + 2 washers + 2 lockwashers |     |      |                            |



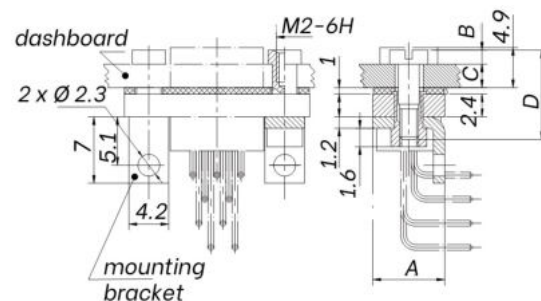
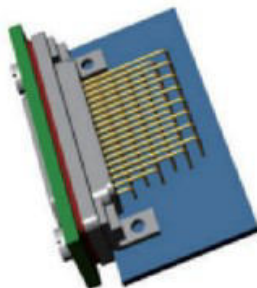
# J30J series twisted pin micro rectangular electrical connectors



| Hardware Type | Mating Parts (recommended)                                                             |
|---------------|----------------------------------------------------------------------------------------|
| P31           | L2 and L3 Types                                                                        |
| Kit           | 2 Female Jackpost + 2 nuts + 2 washers + 2 lockwashers<br>NOTE: for J30J-100TJ/ZK only |

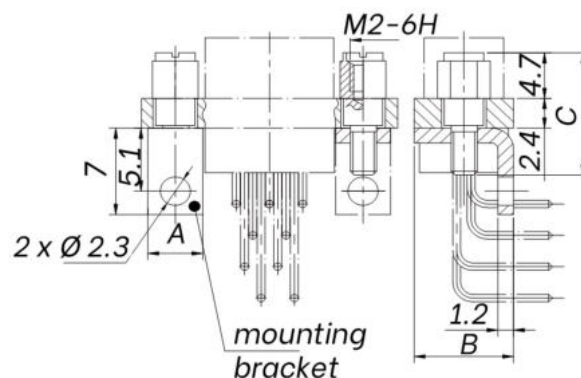


| Hardware Type | A Thread          | B    | C       | Mating Parts (recommended) |
|---------------|-------------------|------|---------|----------------------------|
| P29           | M3 6h             | 10.5 | 3.3 min | L, L7, L9, K Types         |
| P36           | M3 6h             | 14.7 | 7 min   | L, L7, L9, K Types         |
| P37           | M2 6h             | 10   | 2.8 min | L, L7, L9, K Types         |
| P43           | M3 6h             | 11.7 | 4 min   | L, L7, L9, K Types         |
| Kit           | 2 Female Jackpost |      |         |                            |

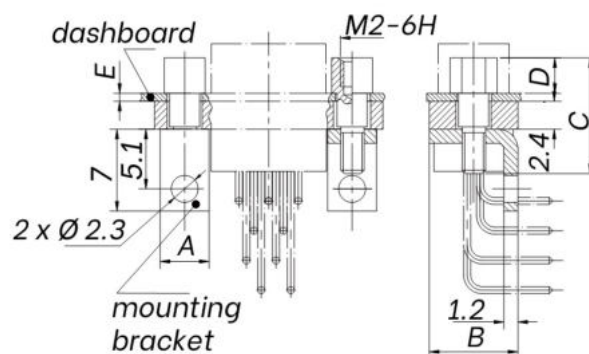
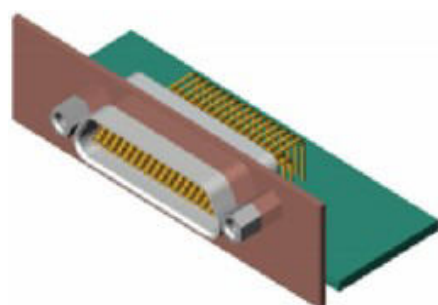


| Hardware Type        | A                                      | B   | C   | D   |
|----------------------|----------------------------------------|-----|-----|-----|
| P15 for sizes 9 ~ 37 | 7.6                                    | 1.9 | 2.5 | 9.7 |
| P35 for sizes 9 ~ 37 | 7.6                                    | 2.4 | 1.8 | 9.5 |
| P15 for sizes 51     | 8.7                                    | 1.9 | 2.5 | 9.7 |
| P35 for sizes 51     | 8.7                                    | 2.4 | 1.8 | 9.5 |
| Kit                  | 2 Female Jackpost + 2 mounting bracket |     |     |     |

# J30J series twisted pin micro rectangular electrical connectors



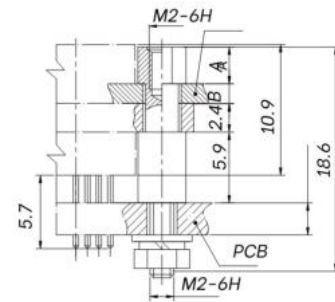
| Hardware Type        | A                                      | B   | C    | Mating Parts (recommended) |
|----------------------|----------------------------------------|-----|------|----------------------------|
| P7for sizes 9 ~ 37   | 4.2                                    | 7.6 | 10.7 | L, L7, L9, K Types         |
| P42 for sizes 9 ~ 37 | 4.2                                    | 7.6 | 9.7  | L, L7, L9, K Types         |
| P7 for sizes 51, 66  | 4.2                                    | 8.7 | 10.7 | L, L7, L9, K Types         |
| P42 for sizes 51,66  | 4.2                                    | 8.7 | 9.7  | L, L7, L9, K Types         |
| P7 for sizes 74      | 4.2                                    | 9.7 | 10.7 | L, L7, L9, K Types         |
| P42 for sizes 74     | 4.2                                    | 9.7 | 9.7  | L, L7, L9, K Types         |
| P7 for sizes 100     | 8.8                                    | 9.7 | 10.7 | L, L7, L9, K Types         |
| P42 for sizes 100    | 8.8                                    | 9.7 | 9.7  | L, L7, L9, K Types         |
| Kit                  | 2 Female Jackpost + 2 mounting bracket |     |      |                            |



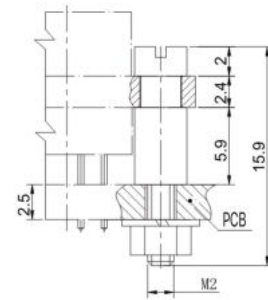
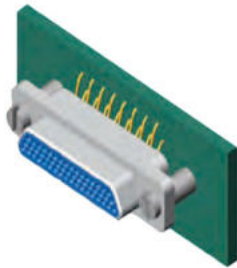
| Hardware Type        | A                                      | B   | C    | D   | E | Mating Parts (recommended) |
|----------------------|----------------------------------------|-----|------|-----|---|----------------------------|
| P2 for sizes 9 ~ 37  | 4.2                                    | 7.6 | 11.6 | 3.7 | 1 | L, L7, L9, K Types         |
| P14 for sizes 9 ~ 37 | 4.2                                    | 7.6 | 10.7 | 1.7 | 3 | L, L7, L9, K Types         |
| P2 for sizes 51, 66  | 4.2                                    | 8.7 | 11.6 | 3.7 | 1 | L, L7, L9, K Types         |
| P14 for sizes 51,66  | 4.2                                    | 8.7 | 10.7 | 1.7 | 3 | L, L7, L9, K Types         |
| P2 for sizes 74      | 4.2                                    | 9.7 | 11.6 | 3.7 | 1 | L, L7, L9, K Types         |
| P14 for sizes 74     | 4.2                                    | 9.7 | 10.7 | 1.7 | 3 | L, L7, L9, K Types         |
| P2 for sizes 100     | 8.8                                    | 9.7 | 11.6 | 3.7 | 1 | L, L7, L9, K Types         |
| P14 for sizes 100    | 8.8                                    | 9.7 | 10.7 | 1.7 | 3 | L, L7, L9, K Types         |
| Kit                  | 2 Female Jackpost + 2 mounting bracket |     |      |     |   |                            |



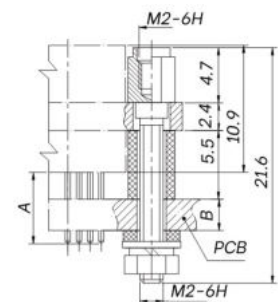
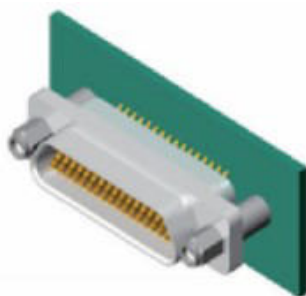
## J30J series twisted pin micro rectangular electrical connectors



| Hardware Type | A                                                                | B   | Mating Parts (recommended) |
|---------------|------------------------------------------------------------------|-----|----------------------------|
| <b>P32</b>    | 2.7                                                              | 2   | L, L7, L9, K types         |
| <b>P41</b>    | 3.2                                                              | 1.5 | L, L7, 19, K types         |
| <b>Kit</b>    | 2 Female Jackpost + 2 washers + 2 lockwashers+ 2 support sleeves |     |                            |

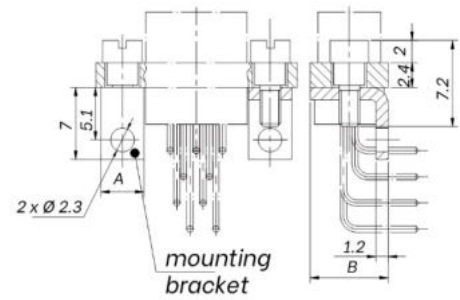
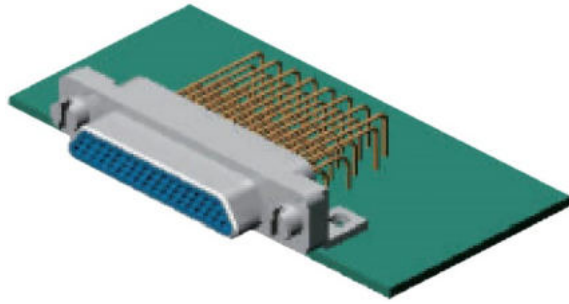


| Hardware Type | Kit                                                                                        |
|---------------|--------------------------------------------------------------------------------------------|
| <b>V</b>      | 2 Jackscrews + 2 lockwashers+ 2 support sleeves<br>NOTE: for Vertical Mount PCB Connectors |

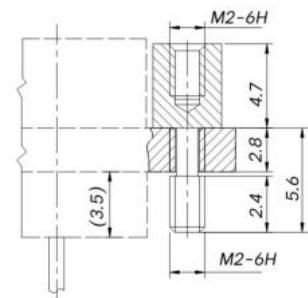


| Hardware Type                                                               | A                                                                | B thickness | Mating Parts (recommended) |
|-----------------------------------------------------------------------------|------------------------------------------------------------------|-------------|----------------------------|
| <b>P17</b><br>NOTE:<br>for J30J-9 ~ 51TJN/ZKN,<br>for J30J-9 ~ 100TJN/ZKN-J | 5.7                                                              | 1.6 ~ 3     | L, L7, L9, K types         |
| <b>P17</b><br>NOTE:<br>for J30J-9 ~ 51TJN4/ZKN4,<br>for J30J-9 ~ 100ZKN4-J  | 7.2                                                              | 1.6 ~ 4.5   | L, L7, 19, K types         |
| <b>Kit</b>                                                                  | 2 Female Jackpost + 2 washers + 2 lockwashers+ 2 support sleeves |             |                            |

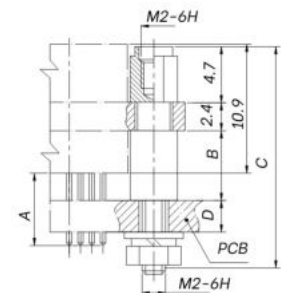
# J30J series twisted pin micro rectangular electrical connectors



| Hardware Type       | A                                      | B   |
|---------------------|----------------------------------------|-----|
| V1 for sizes 9 ~ 37 | 4.2                                    | 7.6 |
| V1 for sizes 51, 66 | 4.2                                    | 8.7 |
| V1 for sizes 74     | 4.2                                    | 9.7 |
| V1 for sizes 100    | 8.8                                    | 9.7 |
| Kit                 | 2 Female Jackpost + 2 mounting bracket |     |



| Hardware Type | Mating Parts (recommended)                        |
|---------------|---------------------------------------------------|
| P46           | L, L7, L9, K types                                |
| Kit           | 2 Female Jackpost<br>NOTE: for J30JD version only |

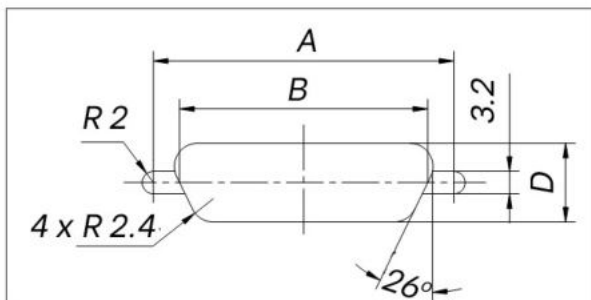
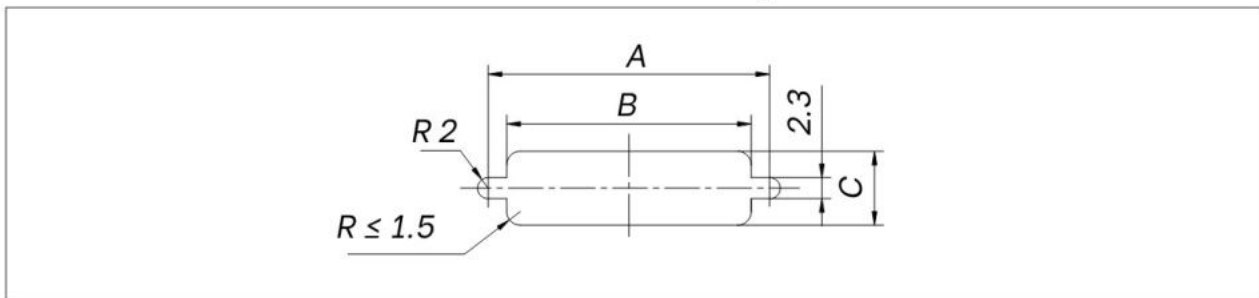


| Hardware Type | A                                                                                                                  | B   | C    | D thickness | Mating Parts (recommended) |
|---------------|--------------------------------------------------------------------------------------------------------------------|-----|------|-------------|----------------------------|
| P5            | 5.7                                                                                                                | 5.9 | 18.6 | 1.6 ~ 2.5   | L, L7, L9, K types         |
| P10           | 8                                                                                                                  | 8.4 | 20.5 | 1.6 ~ 2.5   |                            |
| P25           | 5.7                                                                                                                | 5.9 | 20.5 | 1.6 ~ 2.5   |                            |
|               | 8                                                                                                                  | 5.9 | 20.5 | 1.6 ~ 4.8   |                            |
| P23           | 5.7                                                                                                                | 5.9 | 17.8 | 1.6         |                            |
| Kit           | 2 Female Jackpost + 2 nuts + 2 washers + 2 lockwashers<br>NOTE: for J30J-9 ~ 51TJN/ZKN, J30J-9 ~ 100TJN/ZKN-J only |     |      |             |                            |

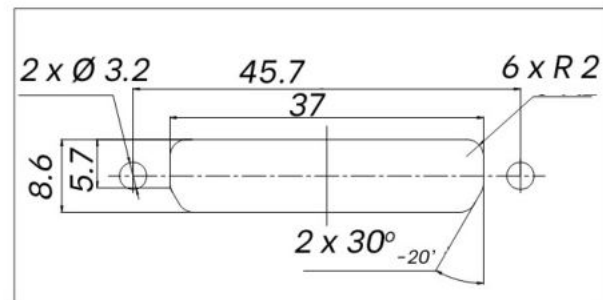
## Panel Mount Cutouts

Mounting cutout dimensions for J30J-TJ/ZK, J30J-TJ/ZK-D, J30JC-TJ/ZK, J30JM-ZK, J30JM-ZKS, J30JM1-ZKS

*Front mounting*



*Rear mounting for sizes 9 - 74*



*Rear mounting for sizes 100*

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

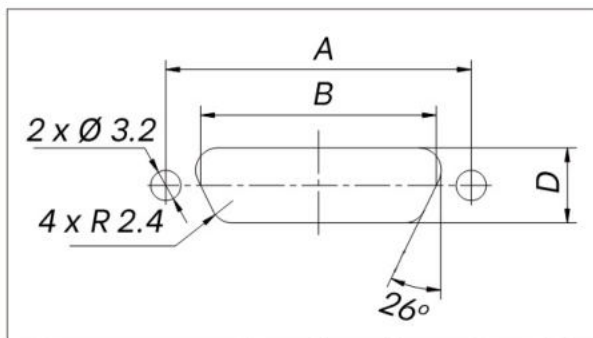
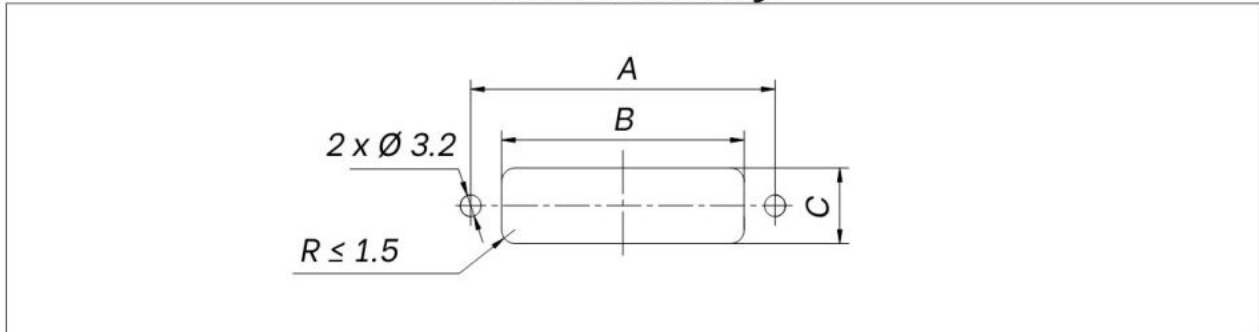
*Note: Since J30JM-ZK, J30JM-ZKS, J30JM1-ZK are all sealed products, although the mounting plate openings can achieve product installation as shown above, it may be lost due to the through plate. To this end, these products should be installed in the form of blind threaded holes for mounting plate openings in front of the board.*

# J30J series twisted pin micro rectangular electrical connectors

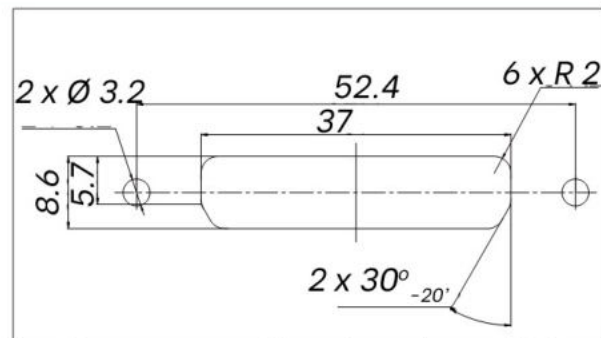


## Mounting cutout dimensions for J30J-TJ/ZK-Q, J30JC-TJ/ZK-Q

*Front mounting*



*Rear mounting for sizes 9 - 74*

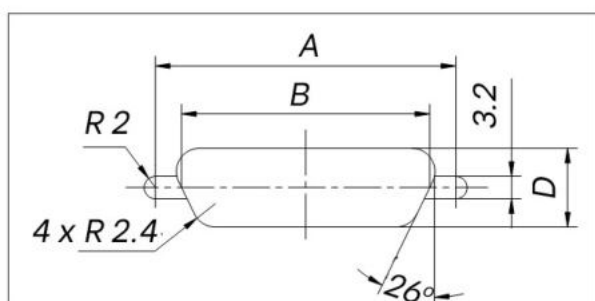
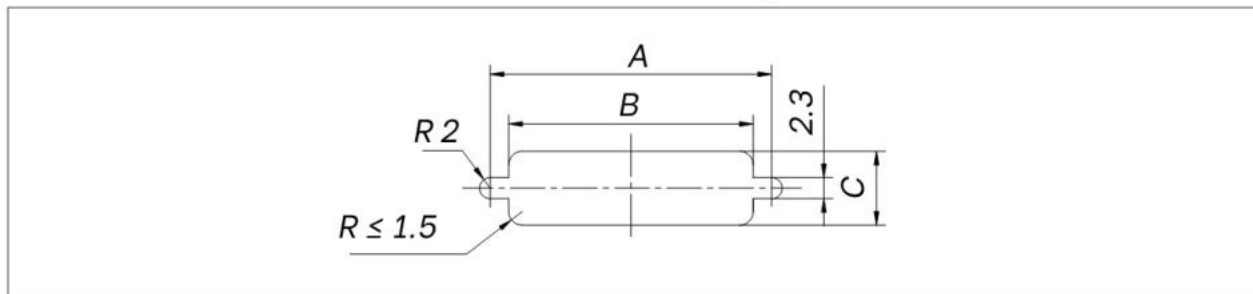


*Rear mounting for sizes 100*

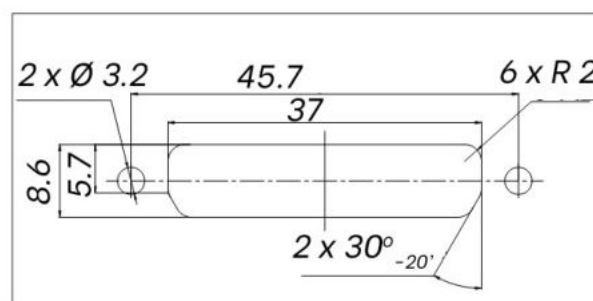
| Size | A    | B    | C | D   | Size | A    | B    | C   | D   |
|------|------|------|---|-----|------|------|------|-----|-----|
| 9    | 21   | 10.2 | 7 | 6.3 | 37   | 38.9 | 28.1 | 7   | 6.3 |
| 15   | 24.9 | 14.1 | 7 | 6.3 | 51   | 37.6 | 26.9 | 8.1 | 7.4 |
| 21   | 28.7 | 17.9 | 7 | 6.3 | 66 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

## Mounting cutout dimensions for J30J-TJ/ZK-A, J30J-TJ/ZK-AD

*Front mounting*



*Rear mounting for sizes 9 - 74*



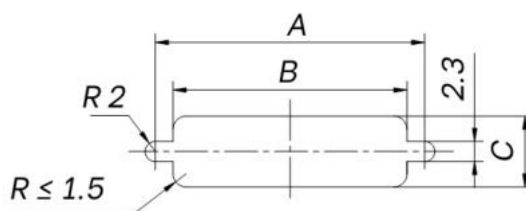
*Rear mounting for sizes 100*

| Size | A    | B    | C   | D   | Size | A     | B    | C    | D   |
|------|------|------|-----|-----|------|-------|------|------|-----|
| 9    | 14.3 | 10.2 | 8.2 | 6.3 | 37   | 32.2  | 28.1 | 8.2  | 6.3 |
| 15   | 18.2 | 14.1 | 8.2 | 6.3 | 51   | 30.86 | 26.9 | 9.2  | 7.4 |
| 21   | 22   | 17.9 | 8.2 | 6.3 | 66   | 37.3  | 33.4 | 9.2  | 7.4 |
| 25   | 24.5 | 20.5 | 8.2 | 6.3 | 74   | 33.5  | 29.4 | 11.2 | 8.6 |
| 31   | 28.3 | 24.3 | 8.2 | 6.3 | 100  | 45.7  | 37   | 11.2 | 8.6 |

# J30J series twisted pin micro rectangular electrical connectors



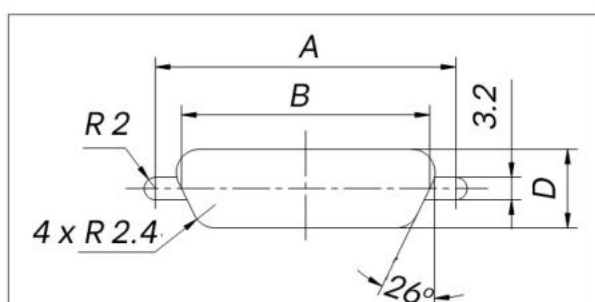
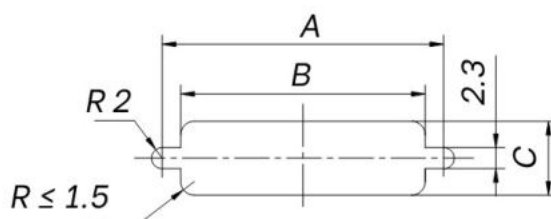
## Mounting cutout dimensions for J30JA-ZK. Front mounting



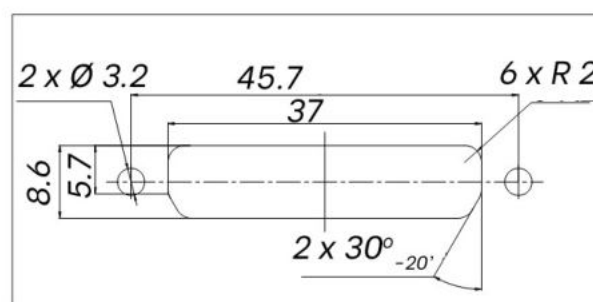
| Size | A    | B    | C | Size | A    | B    | C   |
|------|------|------|---|------|------|------|-----|
| 9    | 18.6 | 10.2 | 7 | 37   | 36.6 | 28.1 | 7   |
| 15   | 22.6 | 14.1 | 7 | 51   | 35.3 | 26.9 | 8.1 |
| 21   | 26.3 | 17.9 | 7 | 66   | 41.7 | 33.5 | 8.1 |
| 25   | 28.9 | 20.5 | 7 | 74   | 37.8 | 29.4 | 9.3 |
| 31   | 32.7 | 24.3 | 7 | 100  | 45.3 | 37   | 9.3 |

## Mounting cutout dimensions for J30J-TJ/ZK-A, J30J-TJ/ZK-AD

### Front mounting



Rear mounting for sizes 9 - 74

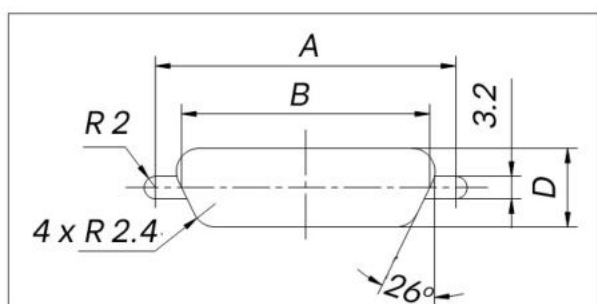
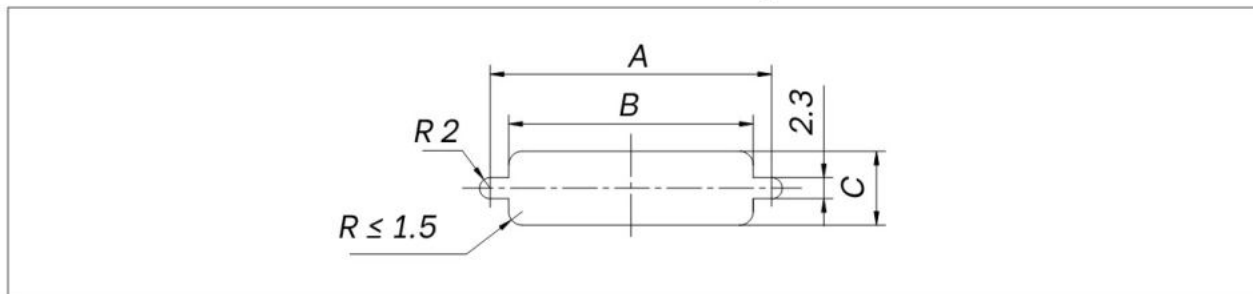


Rear mounting for sizes 100

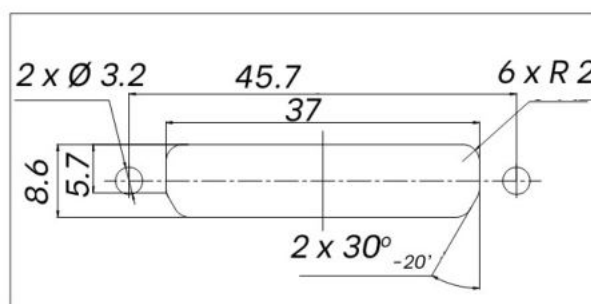
| Size | A    | B    | C   | D   | Size | A     | B    | C    | D   |
|------|------|------|-----|-----|------|-------|------|------|-----|
| 9    | 14.3 | 10.2 | 8.2 | 6.3 | 37   | 32.2  | 28.1 | 8.2  | 6.3 |
| 15   | 18.2 | 14.1 | 8.2 | 6.3 | 51   | 30.86 | 26.9 | 9.2  | 7.4 |
| 21   | 22   | 17.9 | 8.2 | 6.3 | 66   | 37.3  | 33.4 | 9.2  | 7.4 |
| 25   | 24.5 | 20.5 | 8.2 | 6.3 | 74   | 33.5  | 29.4 | 11.2 | 8.6 |
| 31   | 28.3 | 24.3 | 8.2 | 6.3 | 100  | 45.7  | 37   | 11.2 | 8.6 |

## Mounting cutout dimensions for J30J-TJ/ZK-C

*Front mounting*



*Rear mounting for sizes 9 - 74*



*Rear mounting for sizes 100*

| Size | A    | B    | C   | D   | Size | A     | B    | C    | D   |
|------|------|------|-----|-----|------|-------|------|------|-----|
| 9    | 14.3 | 10.2 | 8.2 | 6.3 | 37   | 32.2  | 28.1 | 8.2  | 6.3 |
| 15   | 18.2 | 14.1 | 8.2 | 6.3 | 51   | 30.86 | 26.9 | 9.2  | 7.4 |
| 21   | 22   | 17.9 | 8.2 | 6.3 | 66   | 37.3  | 33.4 | 9.2  | 7.4 |
| 25   | 24.5 | 20.5 | 8.2 | 6.3 | 74   | 33.5  | 29.4 | 11.2 | 8.6 |
| 31   | 28.3 | 24.3 | 8.2 | 6.3 | 100  | 45.7  | 37   | 11.2 | 8.6 |

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