



RỒNG VÀNG
TECHNOLOGY



J30J

SERIES TWISTED PIN MICRO RECTANGULAR ELECTRICAL CONNECTOR

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J30J series twisted pin micro rectangular electrical connector

Product Introduction

Conforms to GJB2446A (equivalent 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 11 specifications including 9 ~ 144 contacts

There are tail end changes that apply to the hole spacing of the printed board Implement enterprise standards:

- J30J series ordinary products: 21E0.204.118JT
- J30JM series rubber seal products: Q/21EJ618
- J30J series glass sintering seal products: Q/21EJ1001

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 m/s²

Shock: acceleration 735 m/s²

Acceleration: 735 m/s

Endurance: 500 cycle

Air leakage rate index (only J30J series sealing products, under one atmospheric pressure difference):

- J30JM series: $5 \times 10^{-2} \text{ Pa cm}^3/\text{s}$ J30JM1
- J30JMD1 series: $1 \times 10^{-3} \text{ Pa cm}^3/\text{s}$

Recommended torque force for locking screws:

- 0.15 ~ 0.2 Nm is recommended for 9 ~ 100 contacts
- 0.2 ~ 0.3 Nm is recommended for 144 contacts

Salt spray: 96 h

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Ordering information

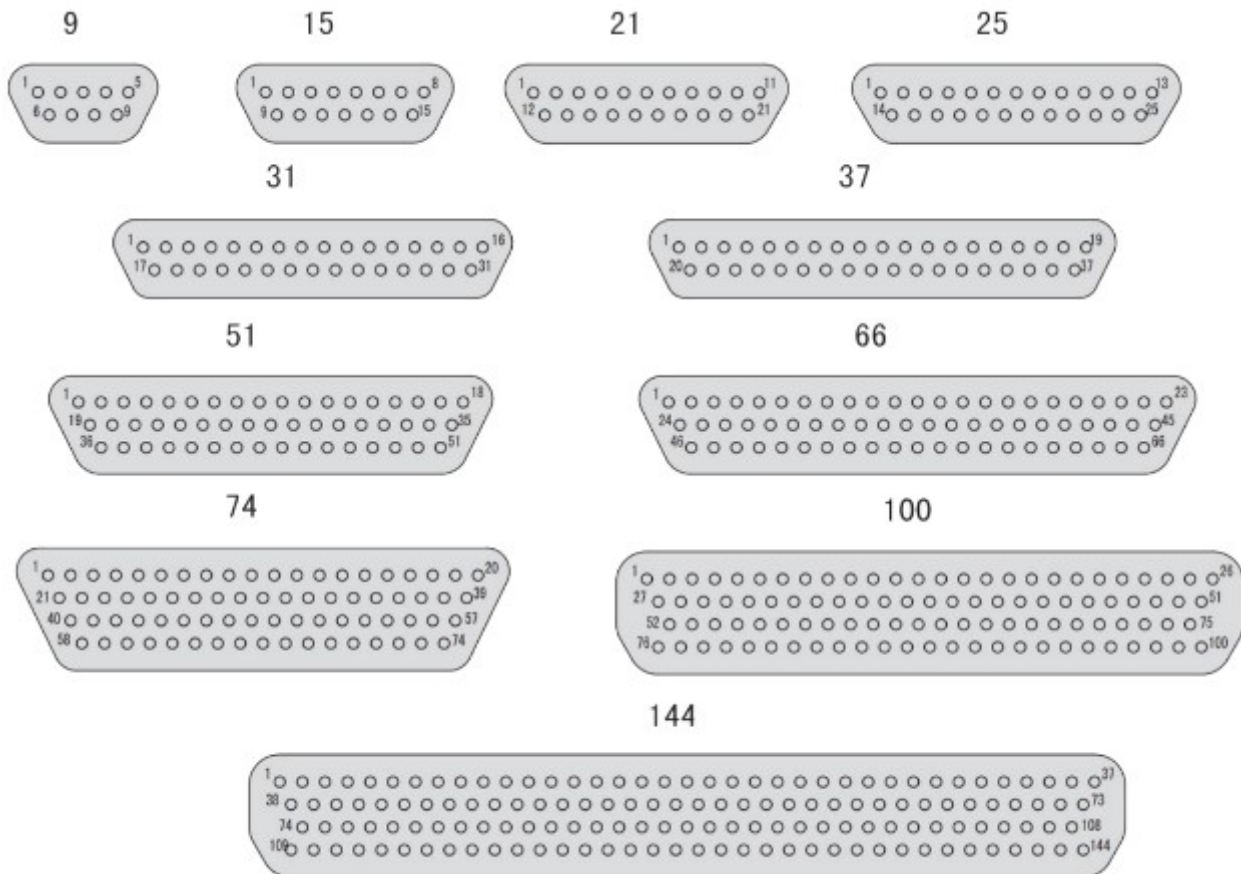
Basic series	J30	J	-	25	T	J	S
Series main code:							
J = Basic type							
JC = Nickel copper plating (weldable shell)							
JS = Passivation of stainless steel (case not weldable)							
Serial variant:							
Unmarked = Basic type							
A = Quick lock type							
E = The connector housing height is reduced from the basic type							
M = Rubber sealing product							
R = Contact pin, Jack backloading type (ZJ/TK in section 4 of corresponding model)							
Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144							
Connector type:							
Z = receptacle							
T = plug							
Contact type:							
K = Socket							
J = Pin							
Contact end form:							
Unmarked = Type of crimping							
S = Type of Welding							
N, N3, N8, N12 = In the form of straight printed board, the grid spacing of printed board is 2.54 × 2.54 mm, in which type N is the basic type product							
W = Curved printed board, printed board grid spacing of 2.54 × 2.54 mm							
Mounting Hardware:							
Omit = Mounting Hardware Default:							
L type = for plug with Pre-Wired crimp or Solder cup contacts							
P type = for receptacle with Pre-Wired crimp or Solder cup contacts							
P5 type = for Straight PCB Connector							
P7 type = for Right Angle PCB Connector							
Y = No Hardware (Thru-Hole)							
Common locking components - such as L, K, P, etc., see the locking component type and instructions							
Modified product identification (If it is multiple, write in alphabetical order, such as -AD, -JQ, etc.):							
A = The product conductor is covered with wave proof sleeve, and the tail has a clamping plate							
D = The shell is added with anti-rotating structure							
D2 = Screw compression spring and screw locking structure, plug matching clamp wire							
J = printed board grid spacing changed to 1.27 × 2.54 mm							
Q, Q8 = Shell flange is widened							
R4, Q4 = The locking structure adopts the spring fast locking structure							
Attachment identification:							
A1 = Tail clamp accessories (only suitable for wire pressing and welding products)							
A3 = Tail clamp accessories (only suitable for wire pressing and welding products)							
Specific requirements for conductors:							
Including wire cross-sectional area, color, length, external protection, etc., please refer to the model description of the product with wire. (Only suitable for pressed wire products)							



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Contact arrangement

(viewed from the insertion surface of the pin insulator)



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Plug, receptacle type	Basic marks	Structure specific point	Reserve injection	Page	
Type of crimping	Basic type	Plug J30J-TJ Receptacle J30J-ZK	The type of locking component can be selected according to specific requirements	14	
		Retrofit		Plug J30J-TJ-A Receptacle J30J-ZK-A	Compared with J30J-ZK/TJ products, direct electric charge is added to the tail of the product. Cable clip, cable jacket metal wave jacket
	Plug J30J-TJ-C Receptacle J30J-ZK-C			Compared with J30J-ZK/TJ products, 90° bending wire outlet	16
	Plug J30J-TJ-C1 Receptacle J30J-ZK-C1			The bending line is added on the basis of the original J30J series pressing line products clamp, wire harness jacket metal anti-wave cover, the same side has 1 outlet	17
	Plug J30J-TJ-C2 Receptacle J30J-ZK-C2			Opposite to J30J-ZK-C1/TJ-C1 product outlet direction, which co-identical	18
	Plug J30J-TJ-C3 Receptacle J30J-ZK-C3			The bending clamp is added on the basis of the original J30J series pressing products, the wire harness is covered with a metal wave proof cover, and there are two wire outlets on the same side	19
	Plug J30J-TJ-C4 Receptacle J30J-ZK-C4			On the basis of the original J30J series of press-line products to increase the bending clamp, the end of the line is covered, and there are outlet ports on both sides	20
	Plug J30J-TJ-D Receptacle J30J-ZK-D			Compared with J30J-ZK/TJ products, anti-rotating slot is added on the square plate	21
	Plug J30J-TJ-AD Receptacle J30J-ZK-AD			Compared with J30J-ZK/TJ-A products, the side of the shell has non-slip slot, add anti-rotating slot on the square disk	22
	Plug J30J-TJ-Q Receptacle J30J-ZK-Q			Housing square plate and mounting dimensions compared to J30J-ZK/TJ products increase to size	23
	Plug J30J-TJ-Q8 Receptacle J30J-ZK-Q8			Housing square plate and mounting dimensions compared to J30J-ZK/TJ products increase to size	24
	Plug J30J-TJ-AQ8 Receptacle J30J-ZK-AQ8	Compared with J30J-ZK-A/TJ-A products, the shell square plate and safety increase the loading size to the corresponding size		25	



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J30J Series Plug and Receptacle Classification Table (Continued)

Plug Receptacle type	Basic marks	Structure specific point	Reserve injection	Page
Type of Welding	Plug J30J-TJS Receptacle J30J-ZKS	Compared with J30J-ZK/TJ products, the contact end form is welded wire cup	The type of locking component can be selected according to specific requirements	28
Straight printed board form	Plug J30J-TJN Receptacle J30J-ZKN	The end of the contact part is the change form of the straight printed board. The grid spacing of the printed board is 2.54 × 2.54. The recommended thickness of the printed board is 1.6 ~ 2.5 mm.		29
	Plug J30J-TJN-J Receptacle J30J-ZKN-J	The end of the contact part is the change form of the straight printed board. The grid spacing of the printed board is 1.27×2.54. The recommended thickness of the printed board is 1.6 ~ 2.5 mm.		31
	Plug J30J-TJN3 Receptacle J30J-ZKN3	Compared with J30J-ZKN/TJN, the pin length is lengthened to 6.7, recommended printed board thickness (1.6 ~ 3.5 mm)		33
	Plug J30J-TJN8 Receptacle J30J-ZKN8	Compared with J30J-ZKN/TJN, pin length is lengthened to 8, recommended printed board thickness (1.6 ~ 4.8 mm)		33
	Plug J30J-TJN12 Receptacle J30J-ZKN12	Compared with J30J-ZKN/TJN, the pin length is extended to 7, recommended printed board thickness (1.6 ~ 3.8 mm)		33
	Plug J30J-TJN12-J Receptacle J30J-ZKN12-J	Compared with J30J-ZKN-J/ JN-J, the pin length is lengthened to 7, recommended printed board thickness (1.6~3.8 mm)		35
	90° printed board form	Plug J30J-TJW Receptacle J30J-ZKW		The terminating form of the contact is bent printed board change form, and the grid spacing of printed board is 2.54 × 2.54 mm
Plug J30J-TJW-J Receptacle J30J-ZKW-J		The terminating form of the contact is bent printed board change form, and the grid spacing of printed board is 1.27 × 2.54 mm		39
Vertical surface mount form	Plug J30J-TJNB-J Receptacle J30J-ZKNB-J	The terminating form of the contact is vertical surface mount form		41

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J30J Series Plug and Receptacle Classification Table (Continued)

Plug Receptacle type	Basic marks	Structure specific point	Reserve injection	Page
Short housing series modified product	Plug J30JE-TJS Receptacle J30JE-ZKS	Compared with J30J-ZKS/TJS products, the plug housing height compression is 1.8 mm and the Receptacle housing height compression is 1.2 mm	The type of locking component can be selected according to specific requirements	43
	Plug J30JE-TJN Receptacle J30JE-ZKN	Compared with J30J-ZKN/TJN products, the plug housing height compression is 1.8 mm and the Receptacle housing height compression is 1.2 mm		44
	Plug J30JE-TJN-J Receptacle J30JE-ZKN-J	Compared with J30J-ZKN-J/TJN-J products, the height of plug housing is compressed 1.8 mm, and the height of Receptacle housing is compressed 1.2 mm		45
Quick lock series modified product	Plug J30J-TJD2 Receptacle J30J-ZKD2	Adopt screw compression spring and screw locking structure, plug supporting clamping accessories	The locking device comes with the product	47
	Plug J30JA-TJ Receptacle J30JA-ZK	Both sides of the product are directly inserted with locking device to achieve fast locking		
The pin jacks reversed Type product	Plug J30JR-TK Receptacle J30JR-ZJ	Insert a jack into a plug and a pin into a Receptacle	The type of locking component can be selected according to specific requirements	55
	Plug J30JR-TK-A Receptacle J30JR-ZJ-A	Compared with J30JR-TK/ZJ products, straight cable clamp is added to the tail of the product, and the cable is covered with metal wave jacket		56
	Plug J30JR-TKS Receptacle J30JR-ZJS	Compared with J30JR-TK/ZJ products, the contact end form is welded wire cup		57
	Plug J30JR-TKN Receptacle J30JR-ZJN	The terminating form of the contact piece is the change form of the straight printed board, and the grid spacing of the printed board is 2.54 × 2.54		58
	Plug J30JR-TKN-J Receptacle J30JR-ZJN-J	The terminating form of the contact piece is the change form of the straight printed board, and the grid spacing of the printed board is 1.27 × 2.54 mm		59
	Plug J30JR-TKW Receptacle J30JR-ZJW	The terminating form of the contact is bent printed board change form, and the grid spacing of printed board is 2.54 × 2.54 mm		



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J30J Series Plug and Receptacle Classification Table (Continued)

Plug Receptacle type	Basic marks	Structure specific point	Reserve injection	Page
The pin jacks reversed Type product	Plug J30JR-TKW-J Receptacle J30JR-ZJW-J	The terminating form of the contact is bent printed board change form, and the grid spacing of printed board is 1.27 × 2.54 mm	The type of locking component can be selected according to specific requirements	
Rubber sealing product	Plug J30JM-TJ Receptacle J30JM-ZK	The air leakage rate index is 5×10 ⁻² Pa·cm ³ /s		
Sintered glass seal product	Plug J30JM1-TJ Receptacle J30JM1-ZK	The air leakage rate index is 1×10 ⁻³ Pa·cm ³ /s		
Stainless steel series modified product	Compared with the above products, the main name of the series is changed to J30JS	The shell and locking device are all made of stainless steel, and the rest are the same as ordinary products		61

Order instructions

1. Order instructions for product locking components and accessories

- When selecting J30J products, the locking components and accessories should be selected according to the use requirements.
- If the locking component is not needed, please reflect «Y» in the order model according to the model name.
- If the locking component is not indicated, then the default locking component shall be used, and the printed board shall be produced, The crimping Receptacle and the welding cup Receptacle are the fixed end locking components, and the free end locking components (such as L-type locking components, etc.) should be matched and locked. If the curved printed board tap 130J-9 TJW and the crimp Receptacle J30J-9 ZK adopt the fixed end lock by default and cannot be locked, the crimp Receptacle lock component to the free end lock, such as J30J-9 ZKL can be matched with J30J-9 TJW.
- If the cable coat shielding, shielding layer and shell conduction and other special requirements, the tail accessories can be well used to solve the problem.
 - -A attachment is made of the shell lengthening and adding the clamping plate, which is not advisable to unload. The outer dimension is shown in P106. The default product is shielded (anti-wave) without the nylon wire sleeve, and the shielding sleeve is connected with the shell.
 - -A1 attachment is the fastening attachment, which can be unloaded (it can be unloaded when welding wire cup products, and it is not advisable to unload the flinging wire products when applying thread glue in our factory). The appearance size is shown in P143. The product is equipped with shielding sleeve and nylon wire sleeve by default, and the shielding sleeve is connected with the shell;
 - -A3 attachment is the fastening attachment, which can be removed (it can be removed when welding wire cup products, and it is not necessary to remove when applying thread glue when processing wire sling products in our factory). The overall size is shown in P143. The product does not have shielding sleeve or nylon wire sleeve by default.

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2. Ordering instructions for products with wires

1. If the user does not have special instructions when selecting the wire products, the specification, color and length of the wire for J30J series products are AFR-250-0.12-250 V-white L=250 mm respectively; (Except for double-ended cable assemblies, which must specify the specification, color and length of the wire) If the user has special requirements for the wire, it should be indicated in the following format after the plug or Receptacle model:

- the cross-sectional area of wire: directly indicate the cross-sectional area value of wire, 0.12 mm² if omitted;
- J30J series products are suitable for the cross-sectional area of the wire 0.07~0.15 mm²;
- conductor color: directly indicate the color of conductor. If omitted, it is white;
- wire length: the length of the wire extending from the end face of the outer shell, in mm. If omitted is 250 mm, wire external protection: when the conductor when a bundle of external set of light wave, represented by the letter «P»;
- When the wire bundle is covered with nylon silk jacket (army green), it is indicated by the letter «F»; When the wire bundle is covered with a light anti-wave cover, the light anti-wave cover is covered with a nylon silk cover (army green) and is indicated by the letter «PF».
- **Model naming example 1:** the user to order J30J-9TJY-A3 product, requiring no locking components, with A3 accessories, using AFR-250-1×0.12-250 V-white, Conductor, wire length 250 mm, wire bundle does not coat the wave cover, nylon silk cover. Because the wiring requirement of this user is the default wire specification and length of J30J products of our company, so the order model is: J30J-9TJY-A3;
- **Model naming example 2:** the user to order J30J-9TJL-A3 product, requiring L-type lock components, with A3 accessories, using AFR-250-1*0.15-250 V white wire, the wire length is 200 mm, the wire bundle is not a jacket, nylon silk cover. Therefore, the order model is: J30J-9TJL-A3 (0.15L200);
- **Model naming example 3:** the user to order J30J-9TJK-A3 product, requiring K-type lock components, with A3 accessories, using AFR-250-1*0.1-250 V-red wire, Length is 0.6 meters, wire bundle is not outer wave cover, nylon silk cover. Then the order model shall be J30J-9 TJK-A3 (0.1 red L600);
- **Model naming example 4:** the user to order J30J-9TY-A3 product, with no locking components, with A3 accessories, using AFR-250-1×0.1-250 V red guide, Line, the length of 0.6 meters, the wire bundle needs to be protected by military green nylon silk sleeve, without shielding requirements, the order model should be J30J-9TJY-A3 (0.1 red L600F);
- **Model naming example 5:** user order J30J-9TJY-A3 product, with no locking components, A3 accessories, using FR-250-1×0.1-250 V-red wire, length of 0.6 meters, wire beam jacket, outside the military green nylon silk cover protection, the order model should be J30J-9TJY-A3 (0.1 red L600PF);

Note: The above naming rules are applicable and only applicable to the same wire with the same color, the same cross-sectional area and the same length with the temperature resistance rating of 250 °C and the pressure resistance rating of 250 V winding wire (AFR wire).

2. If the user has other special requirements for the wiring of the product (such as choosing the wire beyond the specified specifications in the sample, different hole wiring requirements, etc.), it should be with the company The technician shall confirm and indicate the wiring requirements in the contract.



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3. Order instructions for other products

1. The plug or Receptacle with «D» in the model can not be matched with L, K, K1 type, and the products are not recommended for plate installation, if selected, installed. The thickness of the installed panel should be considered according to the «the thickness of the installed panel + 0.6 mm»;

2. Plug or Receptacle containing «A» and «A1» in the model, this kind of product is designed with cable clamp structure, from the inside to the outside: wire, metal shielding sleeve, if there is a special need (such as using other protection methods, etc.) should be indicated in the contract.

3. Use caution

Note: 1. For pressure welding products, wire stripping should adopt appropriate wire stripping tool, to prevent damage to the wire; In the process of wire welding, suitable heat shrink pipe or other suitable methods should be used to protect the welding part, and as far as possible to fix the wire bundle, to prevent the wire from breaking off from the welding part in the process of using and pulling.

2. For welding products, welding line shall ensure that the wires and welding line cup matches the inside diameter of the welding process should adopt appropriate heat shrinkable tube, or other suitable method of welding parts protection, prevent the wire in the process of using pulling from the welding parts broken.

3. For PCB products, in use process should pay attention to protect products pins, avoid knock against, prevent deformation of pin.

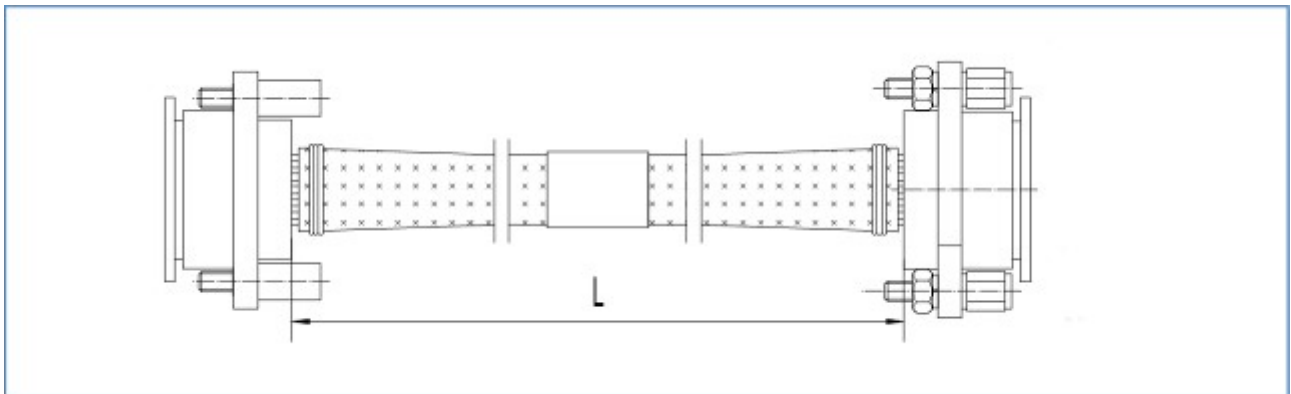
4. lock components shall ensure that the selected when using plug and Receptacle lock components match each other, otherwise cannot normal use. The installation and use of locking components are described in the section «J30J Series Locking Components».

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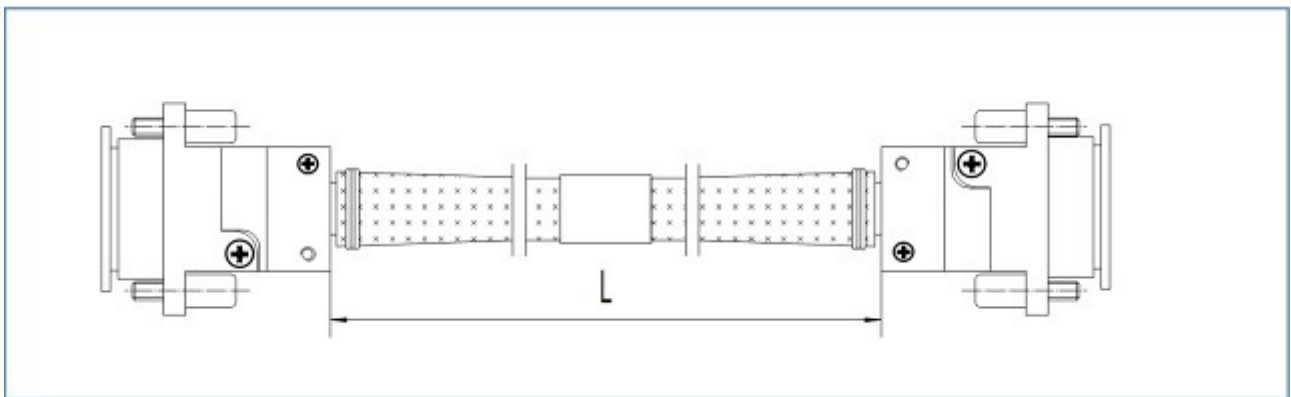
Double-headed cable assembly ordering instructions

J30J series double-headed cable assembly is composed of two J30J products with the same contact layouts. The same hole position of the products at both ends of the cable assembly is connected one by one through AFR-250 wire. The cable can be covered with shielding sleeve and nylon wire sleeve. The specification, color of the wire, whether the cable is covered with anti-wave cover or nylon wire cover can be optional. Cable assembly withstand voltage ≥ 500 V, insulation resistance ≥ 30 M Ω . See below for a schematic:

J30J double headed cable



J30J-A double headed cable





J30J series twisted pin micro rectangular electrical connector

Ordering information

Basic series	J30	25	TJ	-	A/	25	TJ	-	A/	0.12	white	L300	P	F
Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144														
Type of electrical connector; TJ = means plug pin ZK = means Receptacle hole (optional)														
Locking and installation component type: Common locking component, see locking component type and instructions (optional)														
Identification of modified product: no identification = ordinary J30J crimped product A = lengthened shell with tail clip (when the cable requires overall shielding, select P in section 13 of the model, then the wave proof sleeve is connected with the tail clip and the shell)														
Number of contacts: The number shall be consistent with that in Section 2 of the model														
Type of electrical connector: TJ = means plug pin ZK = means receptacle hole (optional)														
Locking and installation component type: Common locking component, see locking component type and instructions (optional)														
Identification of modified product: no identification = ordinary J30J crimped product A = lengthened shell with tail clip (when the cable requires overall shielding, select P in section 13 of the model, then the wave proof sleeve is connected with the tail clip and the shell)														
Wire specification: 0.07, 0.1, 0.12, 0.14, 0.15 (optional)														
Conductor color: white, black, green, brown, blue, red, gray, yellow, etc. (optional)														
Length of wire: The length is determined by the user. L300 means the length of wire between the two ends of the shell is 300 mm (excluding the shell)														
Coat wave cover: no mark = cable does not cover wave cover P = cable coat wave cover														
Nylon jacket: No = cable without nylon jacket F = cable jacket nylon jacket (military green)														

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Model naming example

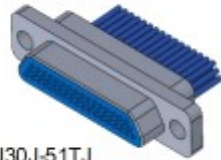
- a. Both ends are J30J-15TJL, the conductor is AFR-250-1*0.12-250 V white conductor, the length of wire is 200 mm, without wave proof sleeve and nylon silk sleeve, the model is: J30J-15TJL/15TJL (0.12 White L200);
- b. One end is J30J-15TJL-A, the other end is J30J-15ZKP-A, and the conductor is AFR-250-1*0.1-250 V red conductor, the length of the conductor is 500 mm, with a wave proof sleeve and no nylon silk sleeve, the model is: J30J-15TJL-A/15ZKP-A (0.1 red L500P);
- c. One end is J30J-15ZKL7, the other end is J30J-15ZKP4, the conductor is AFR-250-1*0.07-250 V black conductor, the length of the conductor is 500 mm, with nylon silk sleeve without wave proof sleeve, then the model is: «J30J-15ZKL7/15ZKP4 (0.07 black L500F)»;
- d. One end is J30J-15TJL-A, the other end is J30J-15TJK-A, the conductor is AFR-250-1*0.15-250 V blue conductor, the length of the conductor is 800 mm, with wave proof sleeve and nylon silk sleeve, then the model is: J30J-15TJL-A/15TJK-A (0.15 blue L800PF)

Dimensions

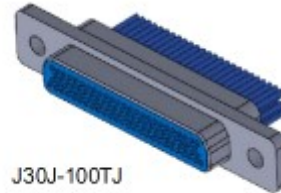
J30J series products



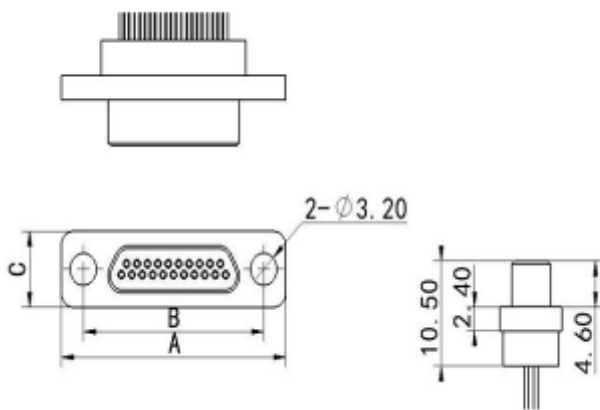
J30J-9~37TJ



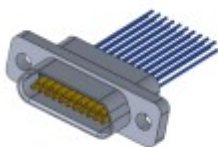
J30J-51TJ



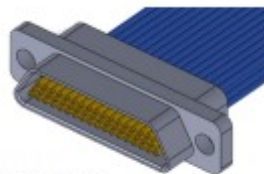
J30J-100TJ



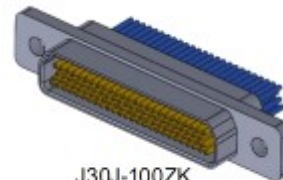
Plug type	A	B	C
J30J-9TJ	19.6	14.3	7.6
J30J-15TJ	23.5	18.2	7.6
J30J-21TJ	27.4	22	7.6
J30J-25TJ	29.8	24.5	7.6
J30J-31TJ	33.6	28.3	7.6
J30J-37TJ	37.4	32.2	7.6
J30J-51TJ	36.4	30.86	8.7
J30J-66TJ	42.9	37.3	8.7
J30J-74TJ	38.8	33.5	9.7
J30J-100TJ	54.7	45.7	9.7
J30J-144TJ	66.6	58.6	9.7



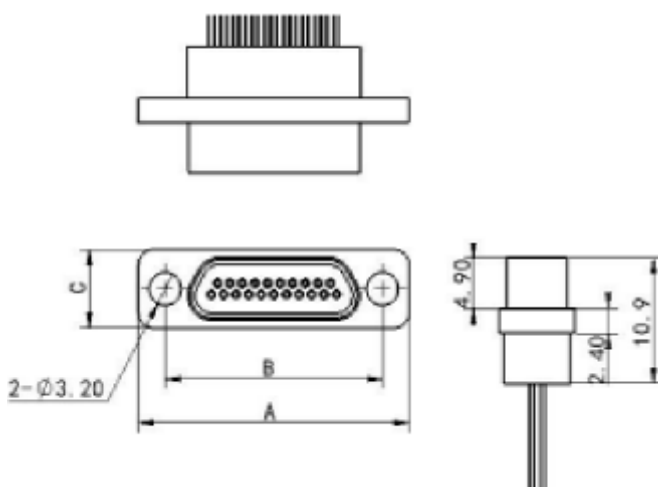
J30J-9~37ZK



J30J-51ZK



J30J-100ZK

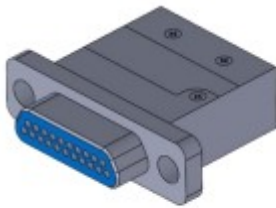


Receptacle type	A	B	C
J30J-9ZK	19.6	14.3	7.6
J30J-15ZK	23.5	18.2	7.6
J30J-21ZK	27.4	22	7.6
J30J-25ZK	29.8	24.5	7.6
J30J-31ZK	33.6	28.3	7.6
J30J-37ZK	37.4	32.2	7.6
J30J-51ZK	36.4	30.86	8.7
J30J-66ZK	42.9	37.3	8.7
J30J-74ZK	38.8	33.5	9.7
J30J-100ZK	54.7	45.7	9.7
J30J-144ZK	66.6	58.6	9.7

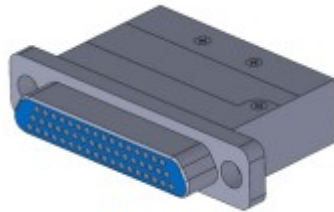
J30J series twisted pin micro rectangular electrical connector



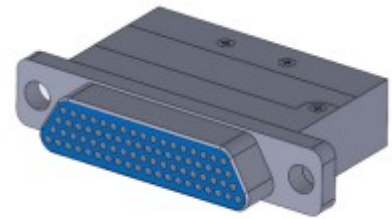
J30J-A series products



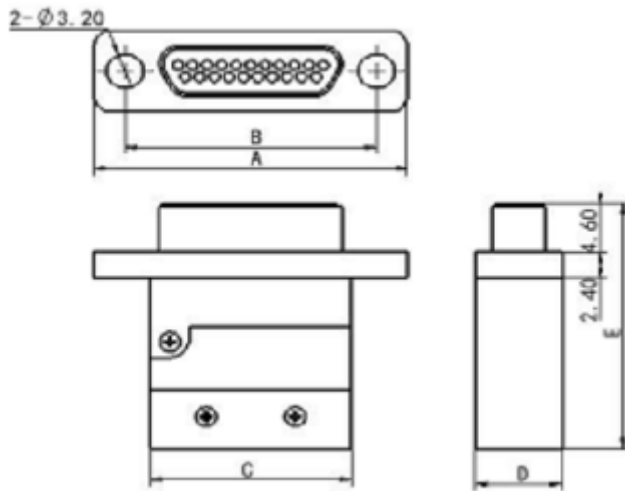
J30J-9-37TJ-A



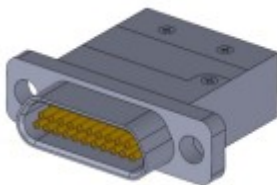
J30J-9-51TJ-A



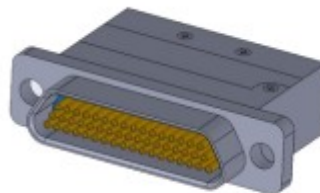
J30J-74TJ-A



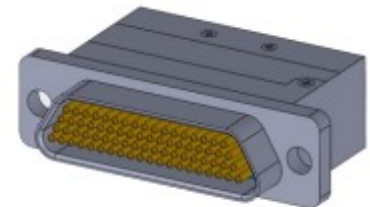
Plug type	A	B	C	D	E
J30J-9TJ-A	19.6	14.3	9.9	8	23
J30J-15TJ-A	23.5	18.2	13.8	8	23
J30J-21TJ-A	27.4	22	17.6	8	23
J30J-25TJ-A	29.8	24.5	20.2	8	23
J30J-31TJ-A	33.6	28.3	24	8	23
J30J-37TJ-A	37.4	32.2	27.8	8	23
J30J-51TJ-A	36.4	30.86	26.6	9	23
J30J-66TJ-A	42.9	37.3	33	9	23
J30J-74TJ-A	38.8	33.5	29.1	11	25
J30J-100TJ-A	54.7	45.7	36.8	11	25
130J-144TJ-A	66.6	58.6	50.8	11	25



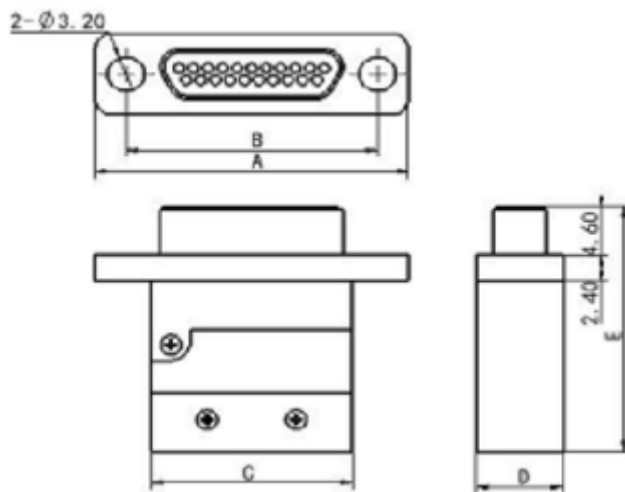
J30J-9-37ZK-A



J30J-51ZK-A



J30J-74ZK-A

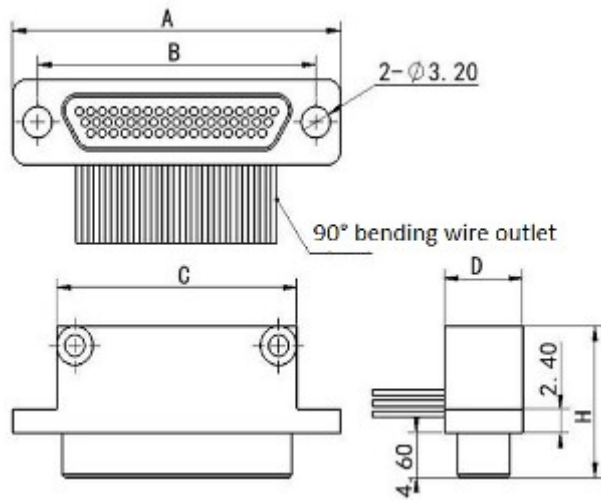


Receptacle type	A	B	C	D	E
J30J-9ZK-A	19.6	14.3	9.9	8	23.5
J30J-15ZK-A	23.5	18.2	13.8	8	23.5
J30J-21ZK-A	27.4	22	17.6	8	23.5
J30J-25ZK-A	29.8	24.5	20.2	8	23.5
J30J-31ZK-A	33.6	28.3	24	8	23.5
J30J-37ZK-A	37.4	32.2	27.8	8	23.5
J30J-51ZK-A	36.4	30.86	26.6	9	23.5
J30J-66ZK-A	42.9	37.3	33	9	23.5
J30J-74ZK-A	38.8	33.5	29.1	11	25.5
J30J-100ZK-A	54.7	45.7	36.8	11	25.5
J30J-144ZK-A	66.6	58.6	50.8	11	25.5

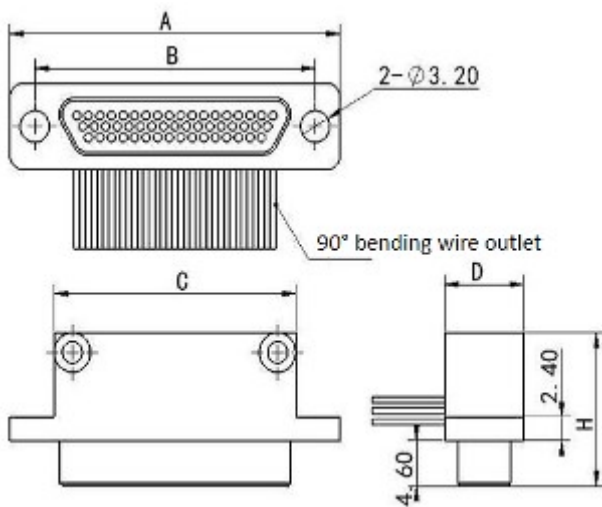


J30J series twisted pin micro rectangular electrical connector

J30J-C series products. Features: A crimp type product where the direction of the tail wire is perpendicular to the direction of the product



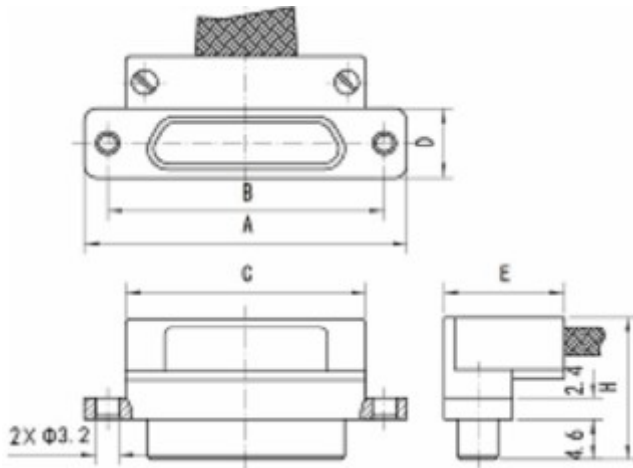
Plug type	A	B	C	D	H
J30J-9TJ-C	19.6	14.3	9.9	8	16.5
J30J-15TJ-C	23.5	18.2	13.8	8	16.5
J30J-21TJ-C	27.4	22	17.6	8	16.5
J30J-25TJ-C	29.8	24.5	20.2	8	16.5
J30J-31TJ-C	33.6	28.3	24	8	16.5
J30J-37TJ-C	37.4	32.2	27.8	8	16.5
J30J-51TJ-C	36.4	30.86	26.6	9.1	15.5
J30J-66TJ-C	42.9	37.3	33	9.1	17.8
J30J-74TJ-C	38.8	33.5	29.1	10.1	19
J30J-100TJ-C	54.7	45.7	36.6	10.1	19



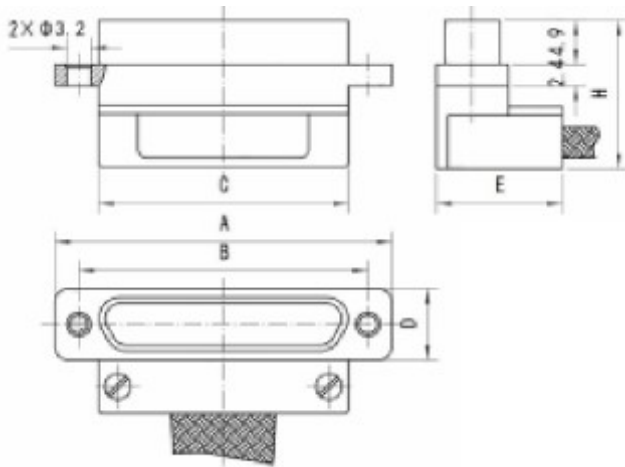
Receptacle type	A	B	C	D	H
J30J-9TJ-C	19.6	14.3	9.9	8	16.5
J30J-15TJ-C	23.5	18.2	13.8	8	16.5
J30J-21TJ-C	27.4	22	17.6	8	16.5
J30J-25TJ-C	29.8	24.5	20.2	8	16.5
J30J-31TJ-C	33.6	28.3	24	8	16.5
J30J-37TJ-C	37.4	32.2	27.8	8	16.5
J30J-51TJ-C	36.4	30.86	26.6	9.1	15.5
J30J-66TJ-C	42.9	37.3	33	9.1	17.8
J30J-74TJ-C	38.8	33.5	29.1	10.1	19
J30J-100TJ-C	54.7	45.7	36.6	10.1	19

J30J series twisted pin micro rectangular electrical connector

J30J-C1 series products. Features: On the basis of the original J30J series of crimped products, the bending clamp is added. The wire harness is coated with a metal shielding sleeve, and there is an outlet on the same side. The length of plug and receptacle is only 16.5 ~ 19 mm, especially suitable for use in limited space and shielded occasions. The pressure plate and the shell are fixed with screws



Plug type	A	B	C	D	E	H
J30J-9TJ-C1	19.6	14.3	9.9	8	14	16.5
J30J-15TJ-C1	23.5	18.2	13.8	8	14	16.5
J30J-21TJ-C1	27.4	22	17.6	8	14	16.5
J30J-25TJ-C1	29.8	24.5	20.2	8	14	16.5
J30J-31TJ-C1	33.6	28.3	24	8	14	16.5
J30J-37TJ-C1	37.4	32.2	27.8	8	14	16.5
J30J-51TJ-C1	36.4	30.86	26.6	9.1	15.3	18.5
J30J-74TJ-C1	38.8	33.5	29.1	10.1	18.3	19
J30J-100TJ-C1	54.7	45.7	36.6	10.1	18.3	19

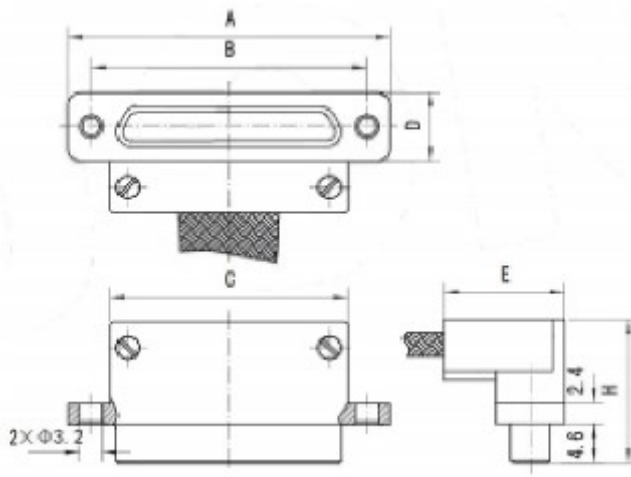


Receptacle type	A	B	C	D	E	H
J30J-9ZK-C1	19.6	14.3	9.9	8	14	16.5
J30J-15ZK-C1	23.5	18.2	13.8	8	14	16.5
J30J-21ZK-C1	27.4	22	17.6	8	14	16.5
J30J-25ZK-C1	29.8	24.5	20.2	8	14	16.5
J30J-31ZK-C1	33.6	28.3	24	8	14	16.5
J30J-37ZK-C1	37.4	32.2	27.8	8	14	16.5
J30J-51ZK-C1	36.4	30.86	26.6	9.1	15.3	18.5
J30J-74ZK-C1	38.8	33.5	29.1	10.1	18.3	19
30J-100ZK-C1	54.7	45.7	36.6	10.1	18.3	19

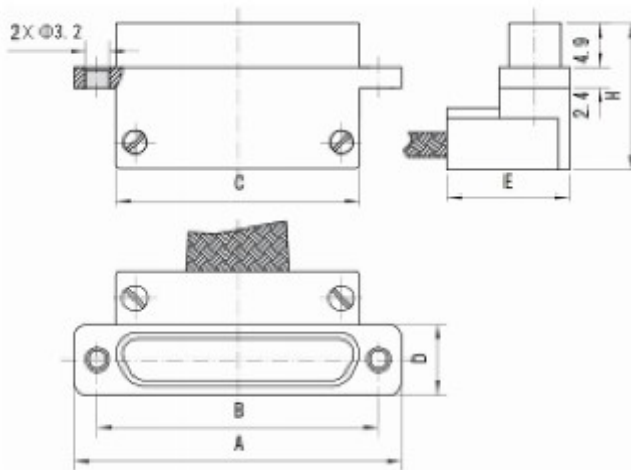


J30J series twisted pin micro rectangular electrical connector

J30J-C2 series products. Features: On the basis of the original J30J series of crimped products, the bending clamp is added, and the wire harness is coated with metal shielding jacket. The length of the plug and receptacle is only 16.5 mm, which is especially suitable for the occasions where the space is limited and there are shielding requirements. The press plate and the shell are fixed with screws, and the direction of the outlet of the plug and receptacle is opposite to that of J30J-C2.



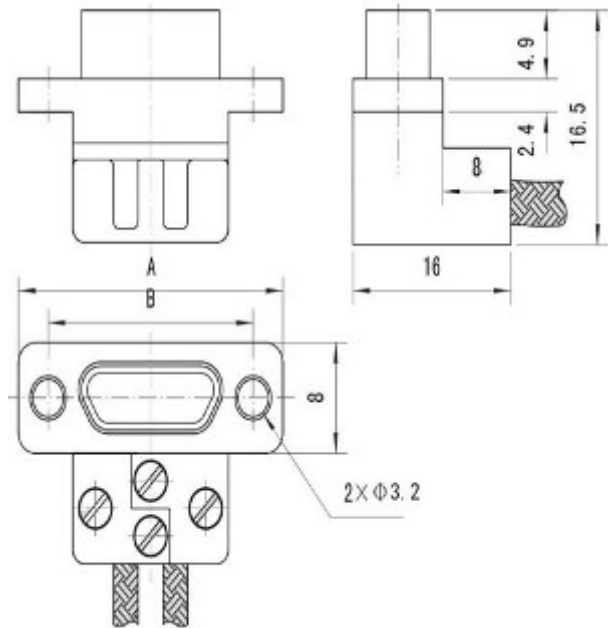
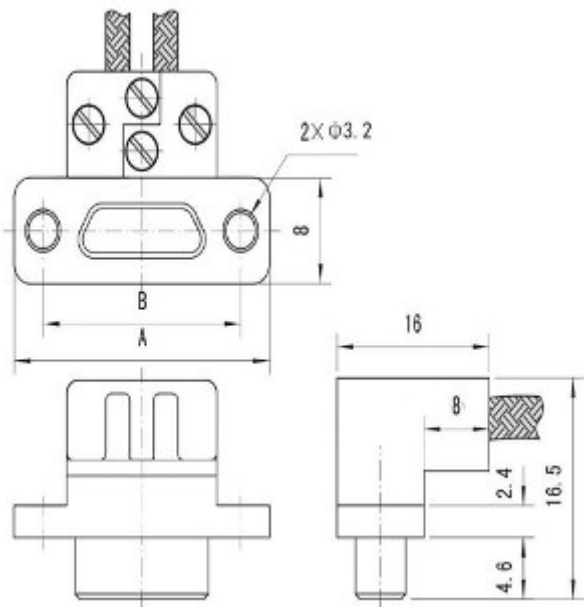
Plug type	A	B	C	D	E	H
J30J-9TJ-C2	19.6	14.3	9.9	8	14	16.5
J30J-15TJ-C2	23.5	18.2	13.8	8	14	16.5
J30J-21TJ-C2	27.4	22	17.6	8	14	16.5
J30J-25TJ-C2	29.8	24.5	20.2	8	14	16.5
J30J-31TJ-C2	33.6	28.3	24	8	14	16.5
J30J-37TJ-C2	37.4	32.2	27.8	8	14	16.5
J30J-51TJ-C2	36.4	30.86	26.6	9.1	15.3	18.5
J30J-74TJ-C2	38.8	33.5	29.1	10.1	18.3	19
J30J-100TJ-C2	54.7	45.7	36.6	10.1	18.3	19



Receptacle type	A	B	C	D	E	H
J30J-9ZK-C2	19.6	14.3	9.9	8	14	16.5
J30J-15ZK-C2	23.5	18.2	13.8	8	14	16.5
J30J-21ZK-C2	27.4	22	17.6	8	14	16.5
J30J-25ZK-C2	29.8	24.5	20.2	8	14	16.5
J30J-31ZK-C2	33.6	28.3	24	8	14	16.5
J30J-37ZK-C2	37.4	32.2	27.8	8	14	16.5
J30J-51ZK-C2	36.4	30.86	26.6	9.1	15.3	18.5
J30J-74ZK-C2	38.8	33.5	29.1	10.1	18.3	19
30J-100ZK-C2	54.7	45.7	36.6	10.1	18.3	19

J30J series twisted pin micro rectangular electrical connector

J30J-C3 series products. Features: On the basis of the original J30J series of crimped products, the bending clamp is added, the wiring harness is covered with shielding proof cover, and there are two outlet on the same side. The length of plug and receptacle is only 16.5 mm, which is suitable for the occasions where space is limited and shielding is required. The pressure plate and the shell are fixed with screws.



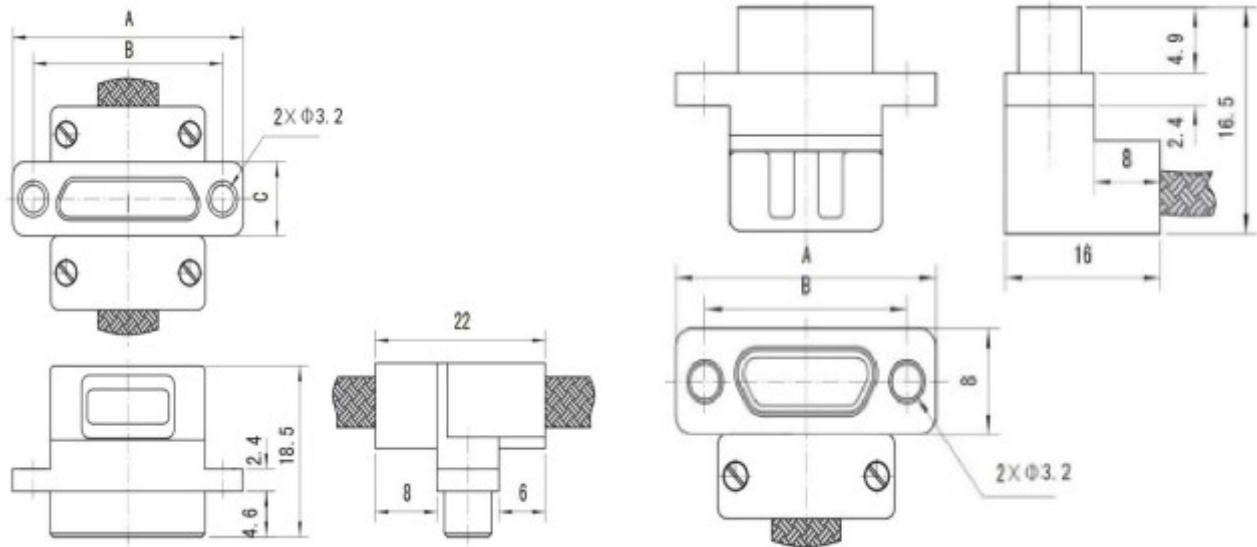
Plug type	A	B
J30J-15TJ-C3	23.5	18.2
J30J-31TJ-C3	33.6	28.3

Receptacle type	A	B
J30J-15ZK-C3	23.5	18.2
J30J-31ZK-C3	33.6	28.3



J30J series twisted pin micro rectangular electrical connector

J30J-C4 series products. Features: On the basis of the original J30J series of crimped products, the bending clamp is added, the wiring harness is covered with shielding proof cover, and there are two outlet on the same side. The length of the plug and receptacle is only 18.5 mm, which is suitable for the occasions where the space is limited and there are shielding requirements. The pressure plate and the shell are fixed with screws.

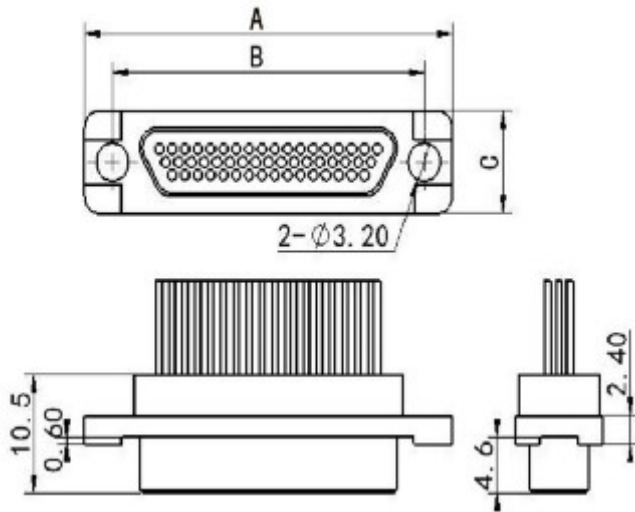


Plug type	A	B
J30J-25TJ-C4	29.8	24.5
J30J-51TJ-C4	36.4	30.86

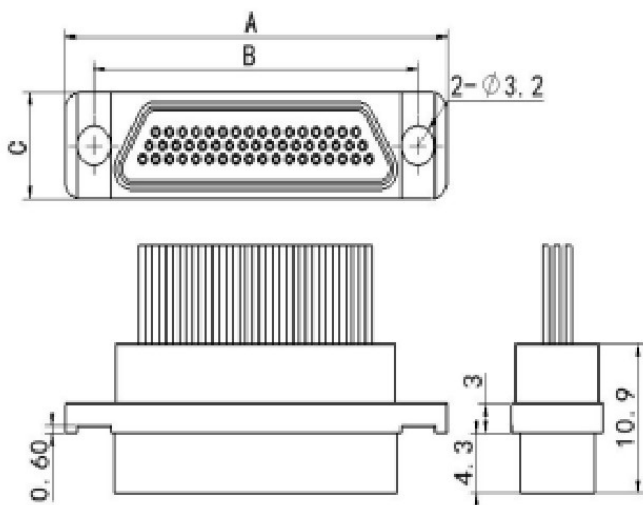
Receptacle type	A	B
J30J-25ZK-C4	29.8	24.5
J30J-51ZK-C4	36.4	30.86

J30J series twisted pin micro rectangular electrical connector

J30J-D series products. Features: A crimped product with a groove on the shell flange to prevent the rotation of mounting screws.



Plug type	A	B	C
J30J-9TJ-D	19.6	14.3	7.6
J30J-15TJ-D	23.5	18.2	7.6
J30J-21TJ-D	27.4	22	7.6
J30J-25TJ-D	29.8	24.5	7.6
J30J-31TJ-D	33.6	28.3	7.6
J30J-37TJ-D	37.4	32.2	7.6
J30J-51TJ-D	36.4	30.86	8.7
J30J-66TJ-D	42.9	37.3	8.7
J30J-74TJ-D	38.8	33.5	9.7
J30J-100TJ-D	54.7	45.7	9.7
J30J-144TJ-D	66.6	58.6	9.7

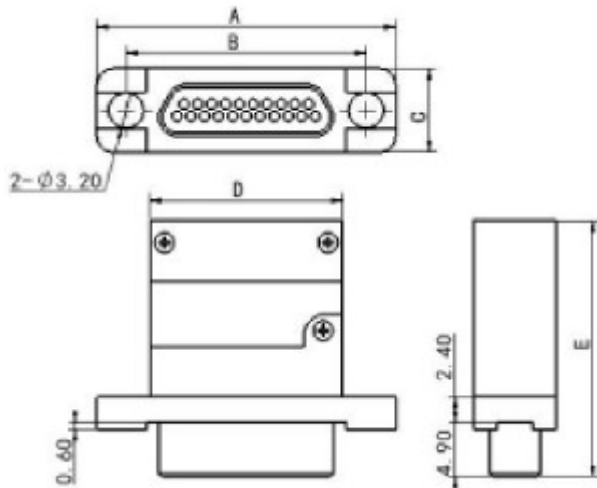


Receptacle type	A	B	C
J30J-9ZK-D	19.6	14.3	7.6
J30J-15ZK-D	23.5	18.2	7.6
J30J-21ZK-D	27.4	22	7.6
J30J-25ZK-D	29.8	24.5	7.6
J30J-31ZK-D	33.6	28.3	7.6
J30J-37ZK-D	37.4	32.2	7.6
J30J-51ZK-D	36.4	30.86	8.7
J30J-66ZK-D	42.9	37.3	8.7
J30J-74ZK-D	38.8	33.5	9.7
J30J-100ZK-D	54.7	45.7	9.7
J30J-144ZK-D	66.6	58.6	9.7

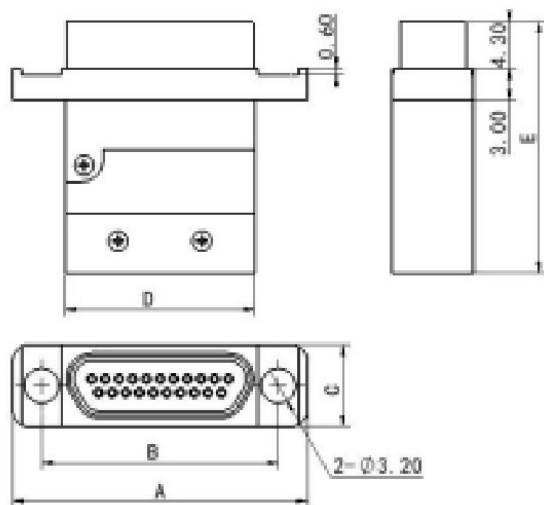


J30J series twisted pin micro rectangular electrical connector

J30J-AD series products. Features: The shell flange has a groove to prevent the installation screw spinning crimped products, wire harness jacket shielding sleeve.



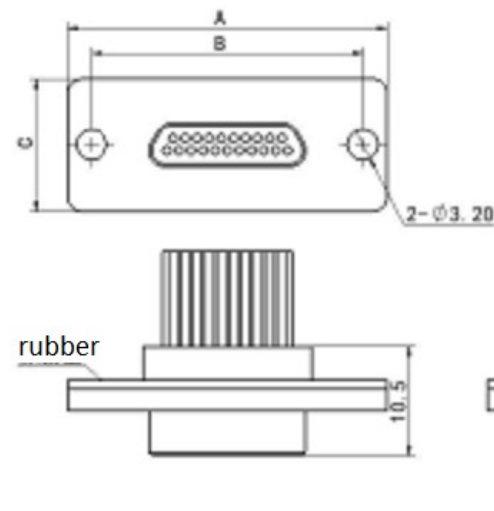
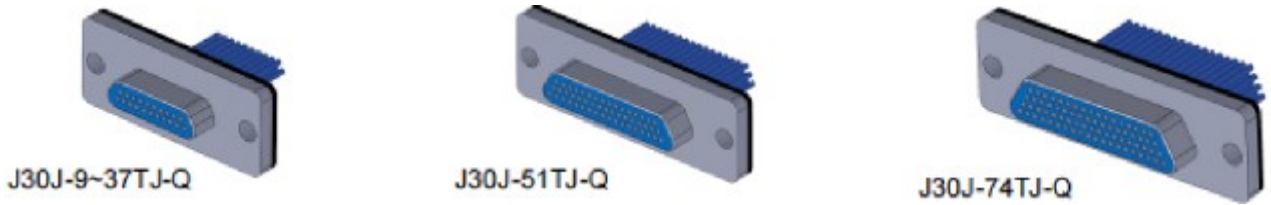
Plug type	A	B	C	D	E
J30J-9TJ-AD	19.6	14.3	8	9.9	23
J30J-15TJ-AD	23.5	18.2	8	13.8	23
J30J-21TJ-AD	27.4	22	8	17.6	23
J30J-25TJ-AD	29.8	24.5	8	20.2	23
J30J-31TJ-AD	33.6	28.3	8	24	23
J30J-37TJ-AD	37.4	32.2	8	27.8	23
J30J-51TJ-AD	36.4	30.86	9	26.6	23
J30J-66TJ-AD	42.9	37.3	9	33	23
J30J-74TJ-AD	38.8	33.5	11	29.1	25
J30J-100TJ-AD	54.7	45.7	11	36.7	25
J30J-144TJ-AD	66.6	58.6	11	50.7	25



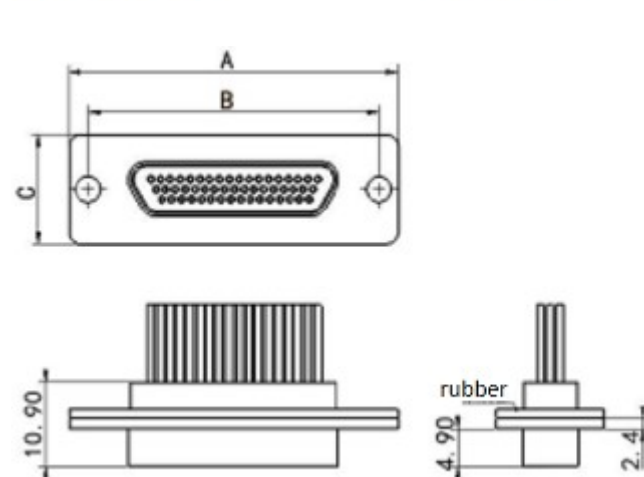
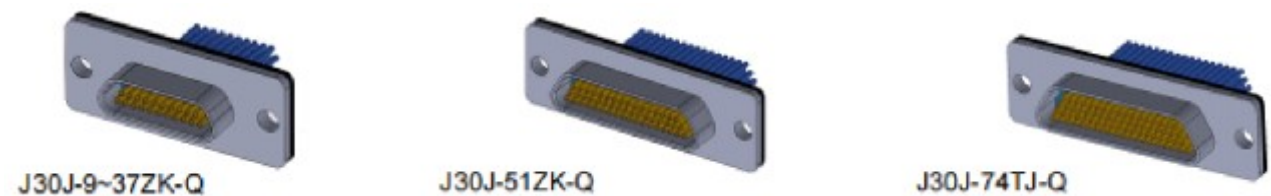
Receptacle type	A	B	C	D	E
J30J-9ZK-AD	19.6	14.3	8	9.9	23.5
J30J-15ZK-AD	23.5	18.2	8	13.8	23.5
J30J-21ZK-AD	27.4	22	8	17.6	23.5
J30J-25ZK-AD	29.8	24.5	8	20.2	23.5
J30J-31ZK-AD	33.6	28.3	8	24	23.5
J30J-37ZK-AD	37.4	32.2	8	27.8	23.5
J30J-51ZK-AD	36.4	30.86	9	26.6	23.5
J30J-66ZK-AD	42.9	37.3	9	33	23.5
J30J-74ZK-AD	38.8	33.5	11	29.1	25.5
J30J-100ZK-AD	54.7	45.7	11	36.7	25.5
J30J-144ZK-AD	66.6	58.6	11	50.7	25.5

J30J series twisted pin micro rectangular electrical connector

J30J-Q series products. Features: Compared with the basic type products, the shell chassis and mounting size is larger.



Plug type	A	B	C
J30J-9TJ-Q	26	21	14
J30J-15TJ-Q	29.9	24.9	14
J30J-21TJ-Q	33.8	28.7	14
J30J-25TJ-Q	36.2	31.2	14
J30J-31TJ-Q	40	35	14
J30J-37TJ-Q	43.8	38.9	14
J30J-51TJ-Q	42.6	37.6	15.2
J30J-66TJ-Q	49.3	44	15.2
J30J-74TJ-Q	45.2	40.2	16.1
J30J-100TJ-Q	61.1	52.4	16.1
J30J-144TJ-Q	73	65.3	16.1



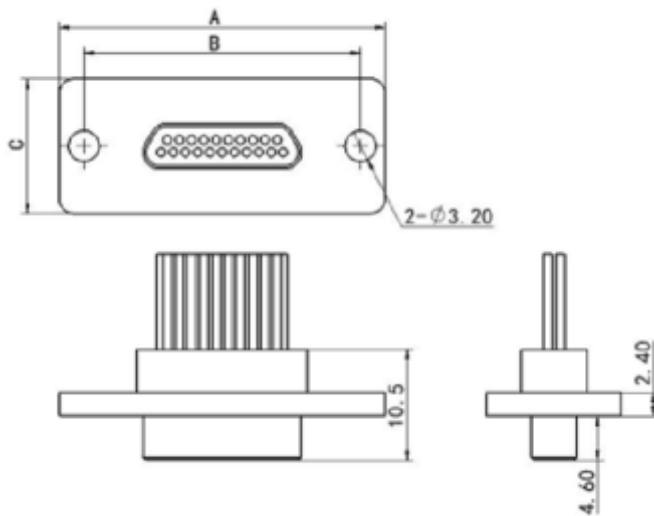
Receptacle type	A	B	C
J30J-9ZK-Q	26	21	14
J30J-15ZK-Q	29.9	24.9	14
J30J-21ZK-Q	33.8	28.7	14
J30J-25ZK-Q	36.2	31.2	14
J30J-31ZK-Q	40	35	14
J30J-37ZK-Q	43.8	38.9	14
J30J-51ZK-Q	42.6	37.6	15.2
J30J-66ZK-Q	49.3	44	15.2
J30J-74ZK-Q	45.2	40.2	16.1
J30J-100ZK-Q	61.1	52.4	16.1
J30J-144ZK-Q	73	65.3	16.1

Note: products with rubber pad and install lock components in front of the plate is effect when using, if you have other special requirements please note it in the order file

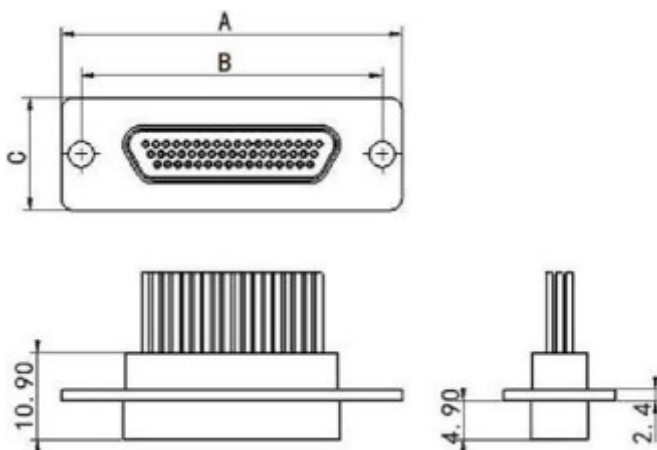


J30J series twisted pin micro rectangular electrical connector

J30J-Q8 series products. Features: J30J-Q8 series is based on the basic product, the shell flange and installation size is increased, the product can be matched with conductive rubber pad. (Note: If the user needs a conductive rubber pad, the letter «H» shall be added at the end of the model letter (only when the fixed end locking component is assembled). If the order model is J30J-9TJP-Q8H, it means that the conductive rubber pad is added on the basis of J30J-9TJP-Q8. If not indicated, conductive rubber pad will not be matched.



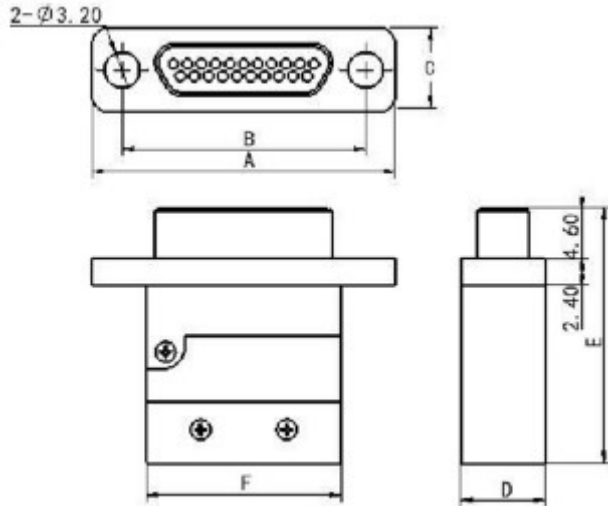
Plug type	A	B	C
J30J-9TJ-Q8	21.4	16.1	11.6
J30J-15TJ-Q8	25.3	20	11.6
J30J-21TJ-Q8	29.2	23.8	11.6
J30J-25TJ-Q8	31.6	26.3	11.6
J30J-31TJ-Q8	35.4	30.1	11.6
J30J-37TJ-Q8	39.2	34	11.6
J30J-51TJ-Q8	38.2	32.6	12.6
J30J-66TJ-Q8	44.7	39.1	12.6
J30J-74TJ-Q8	40.6	35.3	13.6
J30J-100TJ-Q8	56.5	47.5	13.6
J30J-144TJ-Q8	68.4	60.4	13.6



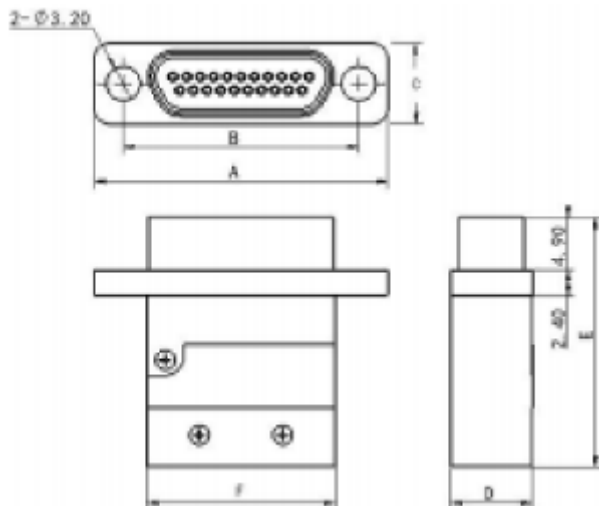
Receptacle type	A	B	C
J30J-9ZK-Q8	21.4	16.1	11.6
J30J-15ZK-Q8	25.3	20	11.6
J30J-21ZK-Q8	29.2	23.8	11.6
J30J-25ZK-Q8	31.6	26.3	11.6
J30J-31ZK-Q8	35.4	30.1	11.6
J30J-37ZK-Q8	39.2	34	11.6
J30J-51ZK-Q8	38.2	32.6	12.6
J30J-66ZK-Q8	44.7	39.1	12.6
J30J-74ZK-Q8	40.6	35.3	13.6
J30J-100ZK-Q8	56.5	47.5	13.6
J30J-144ZK-Q8	68.4	60.4	13.6

J30J series twisted pin micro rectangular electrical connector

J30J-AQ8 series products. Features: J30J-AQ8 series is on the basis of J30J-Q8 series, adding straight wire clip



Plug type	A	B	C	D	E	F
J30J-9TJ-AQ8	21.4	16.1	11.6	8	23	10
J30J-15TJ-AQ8	25.3	20	11.6	8	23	13.8
J30J-21TJ-AQ8	29.2	23.8	11.6	8	23	17.6
J30J-25TJ-AQ8	31.6	26.3	11.6	8	23	20
J30J-31TJ-AQ8	35.4	30.1	11.6	8	23	23.88
J30J-37TJ-AQ8	39.2	34	11.6	8	23	27.8
J30J-51TJ-AQ8	38.2	32.6	12.6	9	23	26.6
J30J-66TJ-AQ8	44.7	39.1	12.6			
J30J-74TJ-AQ8	40.6	35.3	13.6	11	25	29
J30J-100TJ-AQ8	56.5	47.5	13.6	11	25	38
J30J-144TJ-AQ8	68.4	60.4	13.6			



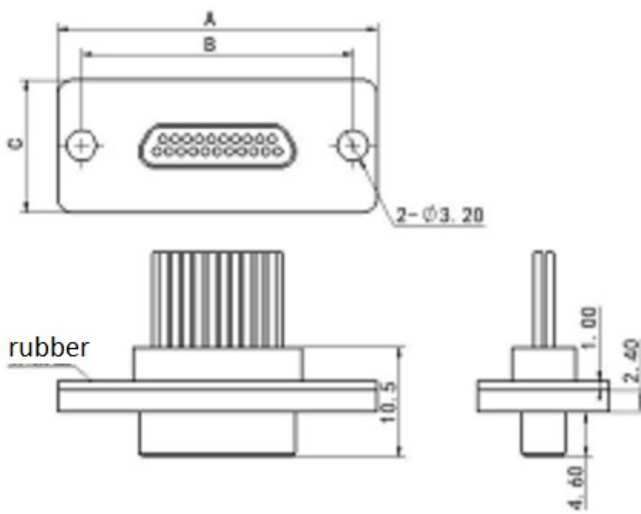
Receptacle type	A	B	C	D	E	F
J30J-9ZK-AQ8	21.4	16.1	11.6	8	23	10
J30J-15ZK-AQ8	25.3	20	11.6	8	23	13.8
J30J-21ZK-AQ8	29.2	23.8	11.6	8	23	17.6
J30J-25ZK-AQ8	31.6	26.3	11.6	8	23	20
J30J-31ZK-AQ8	35.4	30.1	11.6	8	23	23.88
J30J-37ZK-AQ8	39.2	34	11.6	8	23	27.8
J30J-51ZK-AQ8	38.2	32.6	12.6	9	23	26.6
J30J-66ZK-AQ8	44.7	39.1	12.6			
J30J-74ZK-AQ8	40.6	35.3	13.6	11	25	29
J30J-100ZK-AQ8	56.5	47.5	13.6	11	25	38
J30J-144ZK-AQ8	68.4	60.4	13.6			



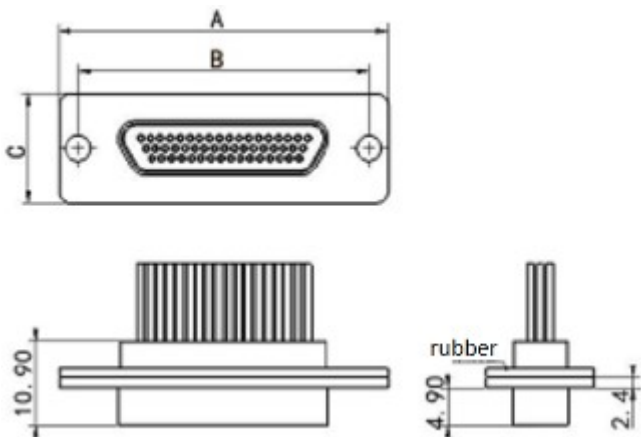
J30J series twisted pin micro rectangular electrical connector

J30J-Q35 series products. Features: J30J-Q35 series is to keep J30J basic product installation hole spacing on the basis of the same size, the length and width of the shell flange size increase (with J30J-Q8 series), the product can be equipped with conductive rubber pad, can be used with the basic product.

Note: If the user needs to support the conductive rubber pad, the letter «H» must be added at the end of the model letter (only when the fixed end locking component is installed). If the order type is J30J-9TDP-Q35H, it means that the product is equipped with the conductive rubber pad on the basis of J30J-9TDP-Q35. Do not indicate the conductive rubber pad.



Plug type	A	B	C
J30J-9TJ-Q35	21.4	14.3	11.6
J30J-15TJ-Q35	25.3	18.2	11.6
J30J-21TJ-Q35	29.2	22	11.6
J30J-25TJ-Q35	31.6	24.5	11.6
J30J-31TJ-Q35	35.4	28.3	11.6
J30J-37TJ-Q35	39.2	32.2	11.6
J30J-51TJ-Q35	38.2	30.86	12.6
J30J-66TJ-Q35	44.7	37.3	12.6
J30J-74TJ-Q35	40.6	33.5	13.6
J30J-100TJ-Q35	56.5	45.7	13.6
J30J-144TJ-Q35	68.4	58.6	13.6

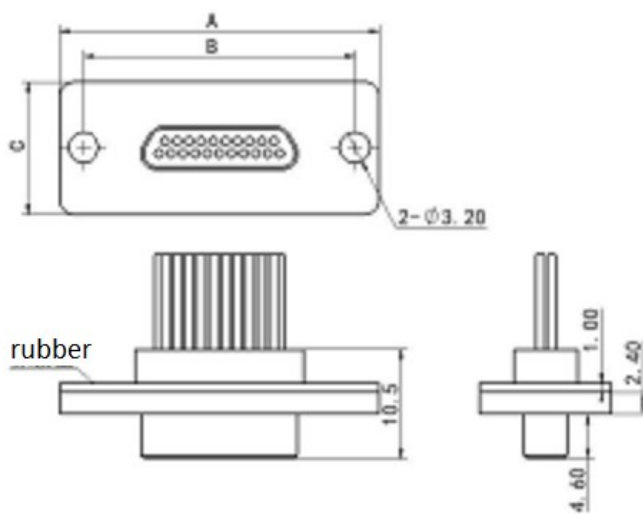


Receptacle type	A	B	C
J30J-9ZK-Q35	21.4	14.3	11.6
J30J-15ZK-Q35	25.3	18.2	11.6
J30J-21ZK-Q35	29.2	22	11.6
J30J-25ZK-Q35	31.6	24.5	11.6
J30J-31ZK-Q35	35.4	28.3	11.6
J30J-37ZK-Q35	39.2	32.2	11.6
J30J-51ZK-Q35	38.2	30.86	12.6
J30J-66ZK-Q35	44.7	37.3	12.6
J30J-74ZK-Q35	40.6	33.5	13.6
J30J-100ZK-Q35	56.5	45.7	13.6
J30J-144ZK-Q35	68.4	58.6	13.6

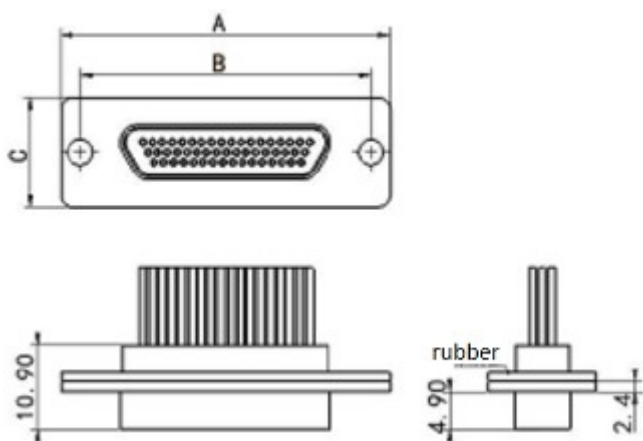
J30J series twisted pin micro rectangular electrical connector

J30J-Q37 series products. Features: J30J-Q37 series is to maintain the J30J basic product installation hole spacing size on the basis of the same, the length and width of the shell flange size (same as J30J-Q8 series), the product can be matched with conductive rubber pad, can be inserted with the basic product.

Note: If the user needs a conductive rubber pad, the letter «H» shall be added at the end of the model letter (only when the fixed end locking component is assembled). If the order model is J30J-9TJP-Q37H, it means that the conductive rubber pad is added on the basis of J30J-9TJP-Q37. If not indicated, conductive rubber pad will not be matched.



Plug type	A	B	C
J30J-9TJ-Q37	19.6	14.3	11.6
J30J-15TJ-Q37	23.5	18.2	11.6
J30J-21TJ-Q37	27.4	22	11.6
J30J-25TJ-Q37	29.8	24.5	11.6
J30J-31TJ-Q37	33.6	28.3	11.6
J30J-37TJ-Q37	37.4	32.2	11.6
J30J-51TJ-Q37	36.4	30.86	12.6
J30J-66TJ-Q37	42.9	37.3	12.6
J30J-74TJ-Q37	38.8	33.5	13.6
J30J-100TJ-Q37	54.7	45.7	13.6
J30J-144TJ-Q37	66.6	58.6	13.6

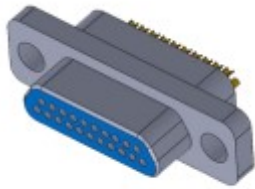


Receptacle type	A	B	C
J30J-9ZK-Q37	19.6	14.3	11.6
J30J-15ZK-Q37	23.5	18.2	11.6
J30J-21ZK-Q37	27.4	22	11.6
J30J-25ZK-Q37	29.8	24.5	11.6
J30J-31ZK-Q37	33.6	28.3	11.6
J30J-37ZK-Q37	37.4	32.2	11.6
J30J-51ZK-Q37	36.4	30.86	12.6
J30J-66ZK-Q37	42.9	37.3	12.6
J30J-74ZK-Q37	38.8	33.5	13.6
J30J-100ZK-Q37	54.7	45.7	13.6
J30J-144ZK-Q37	66.6	58.6	13.6

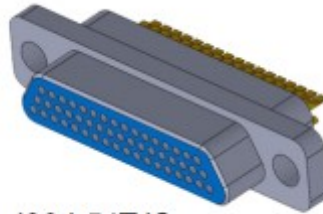


J30J series twisted pin micro rectangular electrical connector

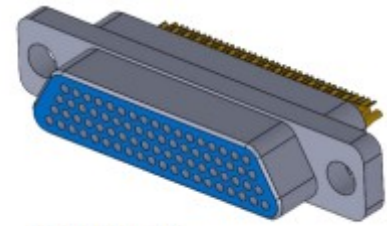
J30J-S series products



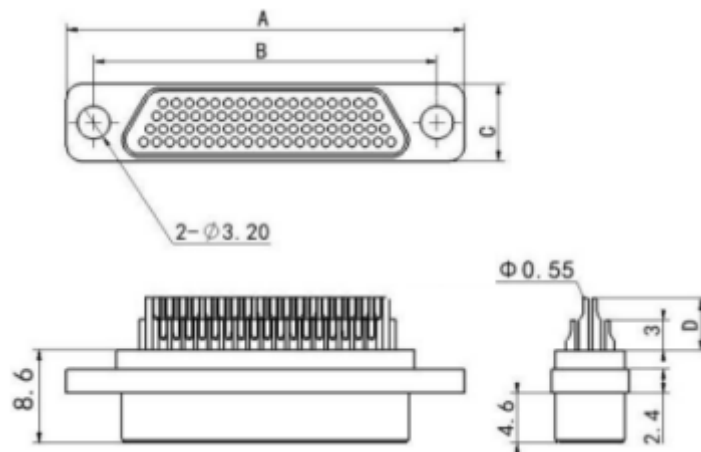
J30J-9~37TJS



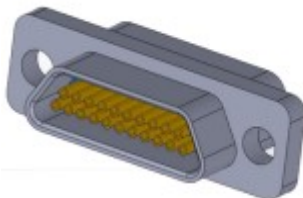
J30J-51TJS



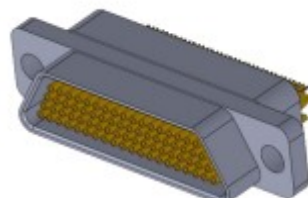
J30J-74TJS



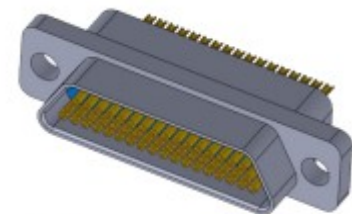
Plug type	A	B	C	D
J30J-9TJS	19.68	14.35	7.57	/
J30J-15TJS	23.5	18.2	7.57	/
J30J-21TJS	27.4	21.97	7.57	/
J30J-25TJS	29.84	24.51	7.57	/
J30J-31TJS	33.66	28.32	7.57	/
J30J-37TJS	37.46	32.13	7.57	/
J30J-51TJS	36.4	30.86	8.66	5
J30J-66TJS	42.9	37.3	8.66	5
J30J-74TJS	38.8	33.5	9.75	5
J30J-100TJS	54.7	45.7	9.75	5
J30J-144TJS	66.6	59	9.75	5



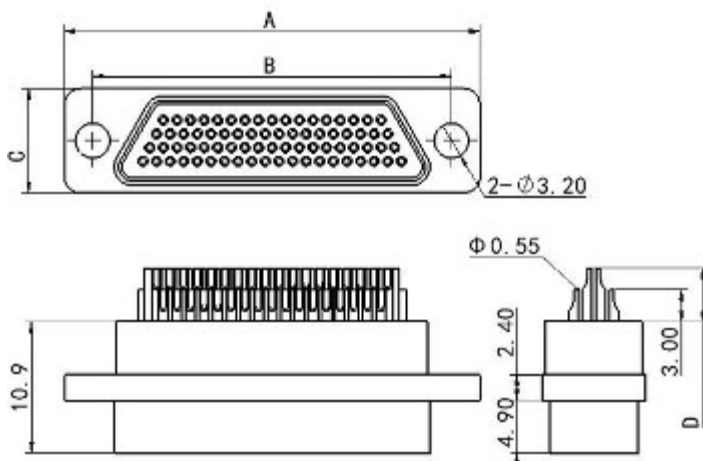
J30J-9~37ZKS



J30J-51ZKS



J30J-74ZKS

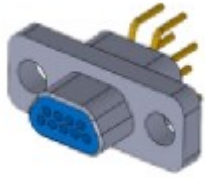


Receptacle type	A	B	C	D
J30J-9ZKS	19.6	14.3	7.6	/
J30J-15ZKS	23.5	18.2	7.6	/
J30J-21ZKS	27.4	22	7.6	/
J30J-25ZKS	29.8	24.5	7.6	/
J30J-31ZKS	33.6	28.3	7.6	/
J30J-37ZKS	37.4	32.2	7.6	/
J30J-51ZKS	36.4	30.86	8.7	5
J30J-66ZKS	42.9	37.3	8.7	5
J30J-74ZKS	38.8	33.5	9.7	5
J30J-100ZKS	54.7	45.7	9.7	5
J30J-144ZKS	66.6	58.6	9.7	5

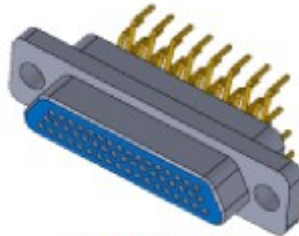
J30J series twisted pin micro rectangular electrical connector



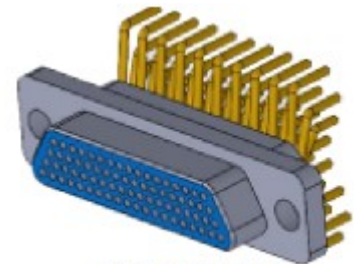
J30J-N series compression-modified product



J30J-9~37TJN

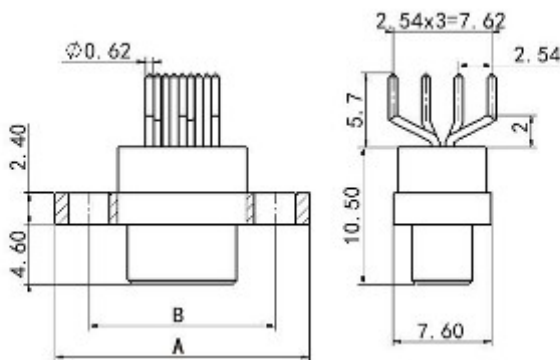


J30J-81TJN

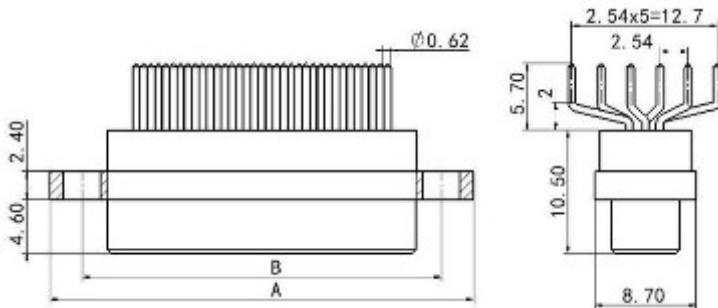


J30J-74TJN

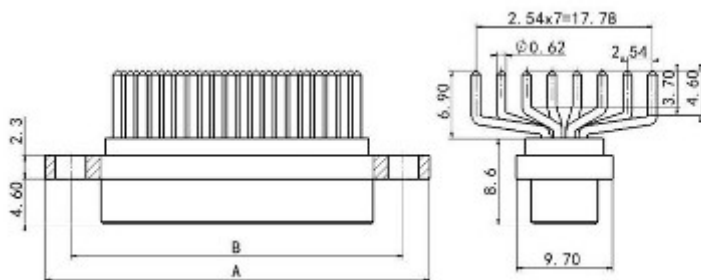
Plug: J30J-9, 15, 21, 25, 31, 37TJN



Plug: J30J-51, 66TJN



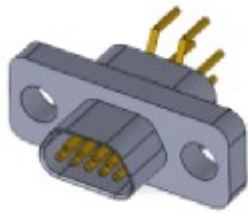
Plug: J30J-74, 100, 144TJN



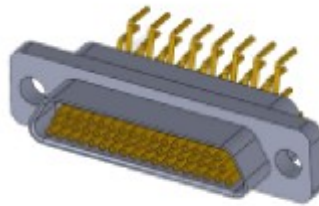
Plug type	A	B
J30J-9TJN	19.6	14.3
J30J-15TJN	23.5	18.2
J30J-21TJN	27.4	22
J30J-25TJN	29.8	24.5
J30J-31TJN	33.6	28.3
J30J-37TJN	37.4	32.2
J30J-51TJN	36.4	30.86
J30J-66TJN	42.9	37.3
J30J-74TJN	38.8	33.5
J30J-100TJN	54.7	45.7
J30J-144TJN	66.6	58.6



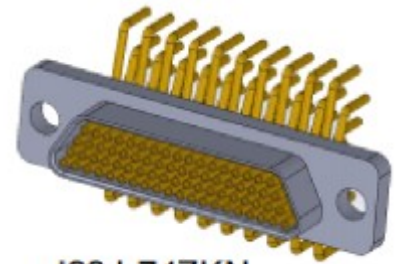
J30J series twisted pin micro rectangular electrical connector



J30J-9~37ZKN

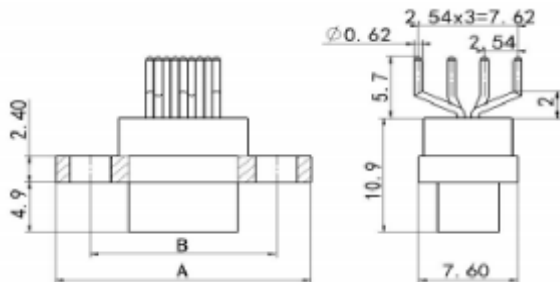


J30J-51ZKN

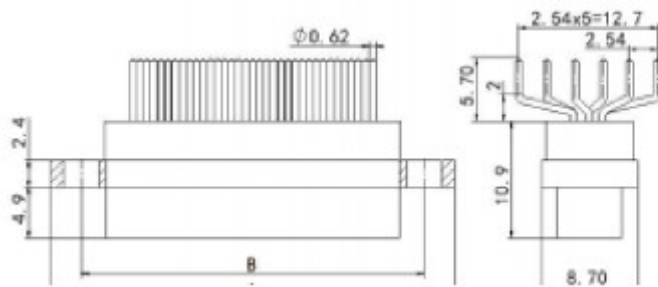


J30J-74ZKN

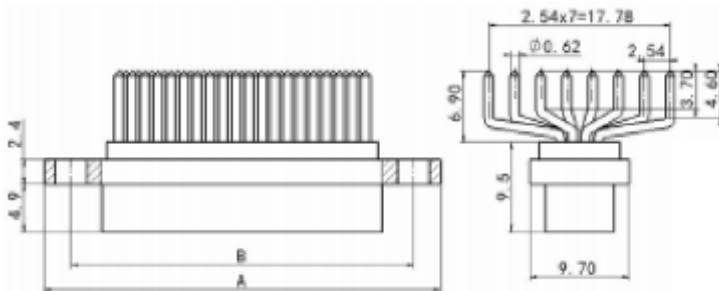
Receptacle: J30J-9, 15, 21, 25, 31, 37ZKN



Receptacle: J30J-51, 66ZKN



Receptacle: J30J-74, 100, 144ZKN

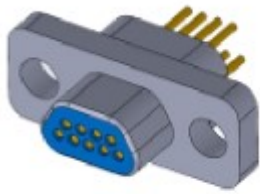


Receptacle type	A	B
J30J-9ZKN	19.6	14.3
J30J-15ZKN	23.5	18.2
J30J-21ZKN	27.4	22
J30J-25ZKN	29.8	24.5
J30J-31ZKN	33.6	28.3
J30J-37ZKN	37.4	32.2
J30J-51ZKN	36.4	30.86
J30J-66ZKN	42.9	37.3
J30J-74ZKN	38.8	33.5
J30J-100ZKN	54.7	45.7
J30J-144ZKN	66.6	58.6

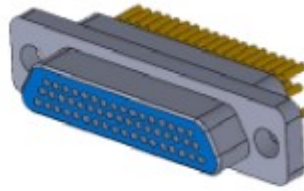
J30J series twisted pin micro rectangular electrical connector



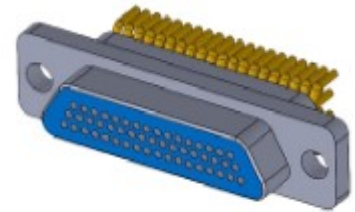
J30J-N-J series product



J30J-9~37TJN-J

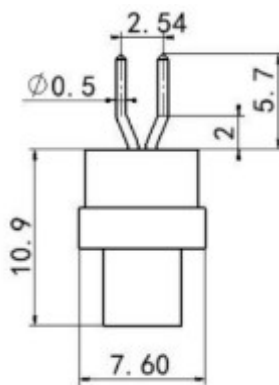
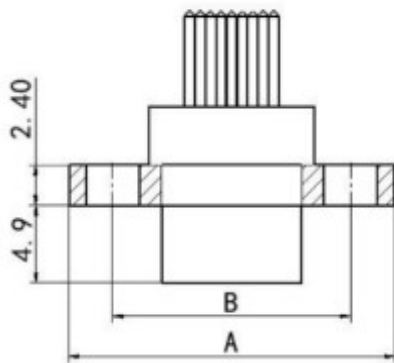


J30J-51TJN-J

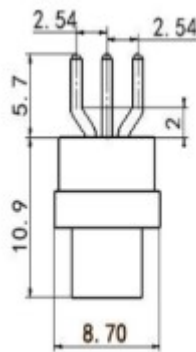
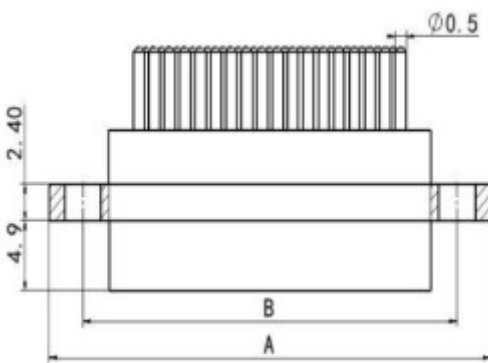


J30J-74TJN-J

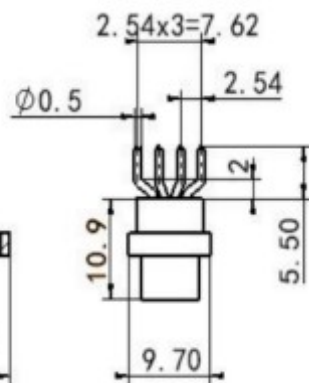
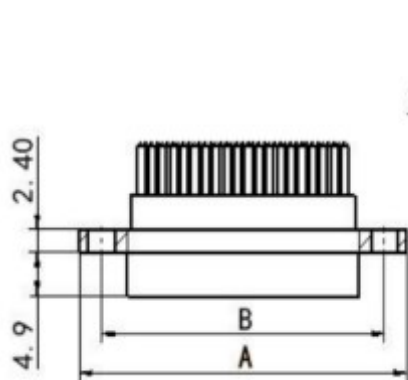
Plug: J30J-9, 15, 21, 25, 31, 37TJN-J



Plug: J30J-51, 66TJN-J



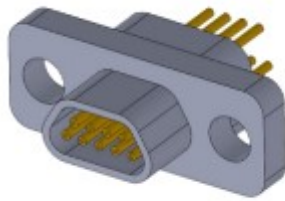
Plug: J30J-74, 100, 144TJN-J



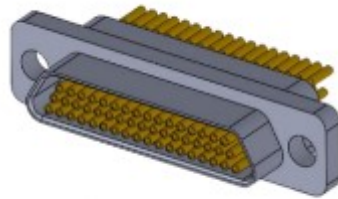
Plug type	A	B
J30J-9TJN-J	19.6	14.3
J30J-15TJN-J	23.5	18.2
J30J-21TJN-J	27.4	22
J30J-25TJN-J	29.8	24.5
J30J-31TJN-J	33.6	28.3
J30J-37TJN-J	37.4	32.2
J30J-51TJN-J	36.4	30.86
J30J-66TJN-J	42.9	37.3
J30J-74TJN-J	38.8	33.5
J30J-100TJN-J	54.7	45.7
J30J-144TJN-J	66.6	58.6



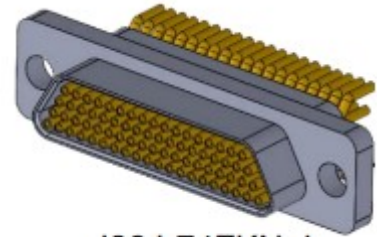
J30J series twisted pin micro rectangular electrical connector



J30J-9~37ZKN-J

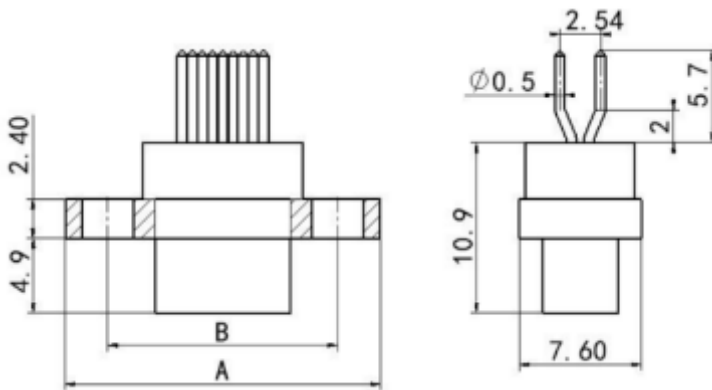


J30J-51ZKN-J

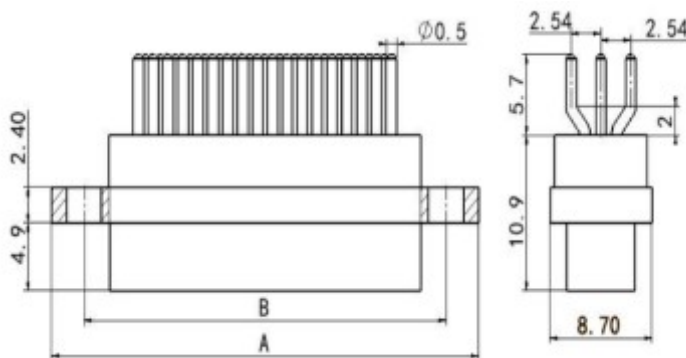


J30J-74ZKN-J

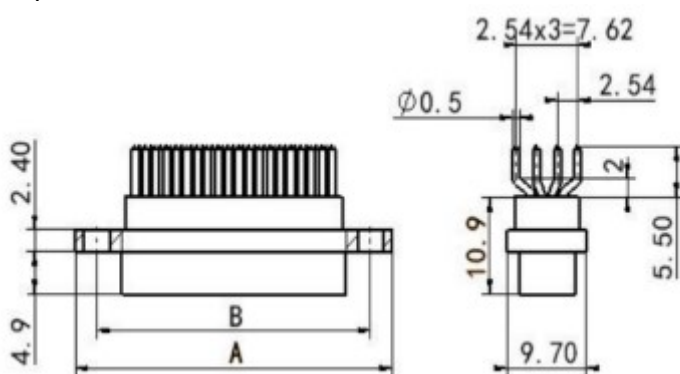
Receptacle: J30J-9, 15, 21, 25, 31, 37ZKN-J



Receptacle: J30J-51, 66ZKN-J



Receptacle: J30J-74, 100, 144ZKN-J

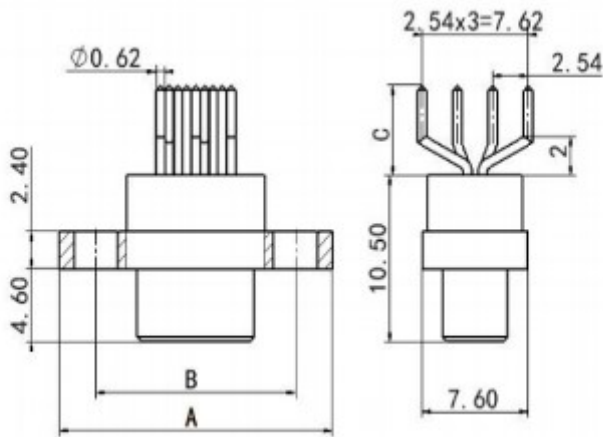


Receptacle type	A	B
J30J-9ZKN-J	19.6	14.3
J30J-15ZKN-J	23.5	18.2
J30J-21ZKN-J	27.4	22
J30J-25ZKN-J	29.8	24.5
J30J-31ZKN-J	33.6	28.3
J30J-37ZKN-J	37.4	32.2
J30J-51ZKN-J	36.4	30.86
J30J-66ZKN-J	42.9	37.3
J30J-74ZKN-J	38.8	33.5
J30J-100ZKN-J	54.7	45.7
J30J-144ZKN-J	66.6	58.6

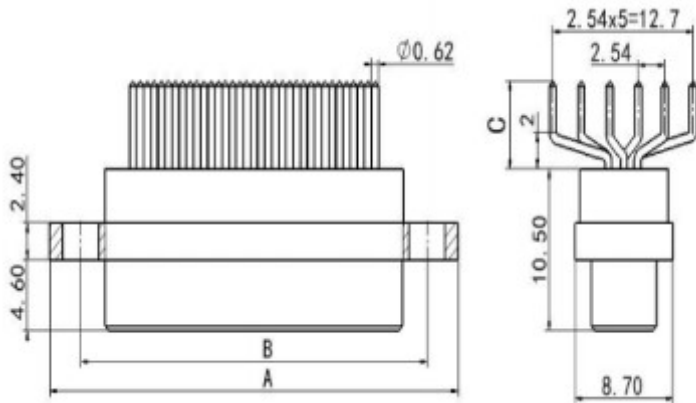
J30J series twisted pin micro rectangular electrical connector

J30J-Nxx series products. Features: Based on J30J-N, the length of the tail end of contacts is extended to «C» mm for straight printed board products, and the opening size remains unchanged.

Plug: J30J-9, 15, 21, 25, 31, 37TJNxx

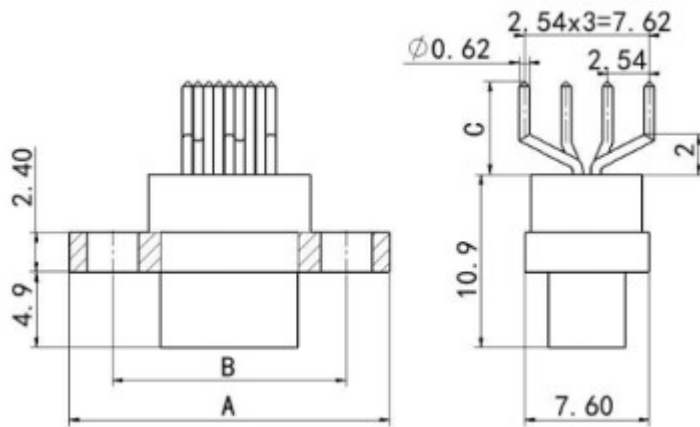


Plug: J30J-51, 66TJNxx

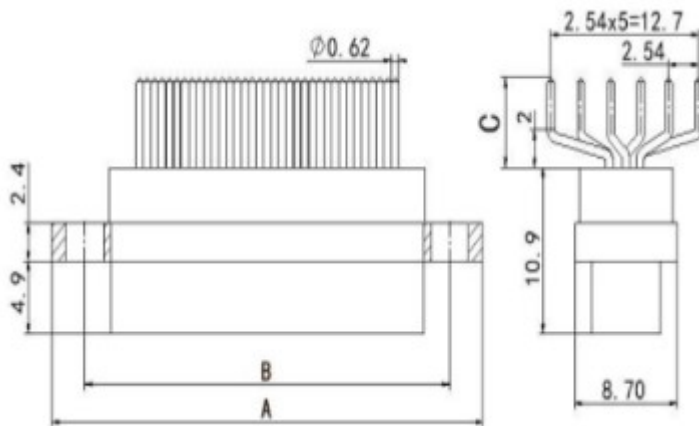


Plug type	A	B
J30J-9TJNxx	19.68	14.3
J30J-15TJNxx	23.5	18.2
J30J-21TJNxx	27.4	22
J30J-25TJNxx	29.8	24.5
J30J-31TJNxx	33.6	28.3
J30J-37TJNxx	37.4	32.2
J30J-51TJNxx	36.4	30.86
J30J-66TJNxx	42.9	37.3
Plug Model	C	Thickness mm
J30J-TJN3	6.7	2~3.2
J30J-TJN8	8	3.5~4.5
J30J-TJN12	7	2.5~3.5
J30J-TJN14	9	4.5~5.5
J30J-TJN17	10	5.5~6.5

Receptacle: J30J-9, 15, 21, 25, 31, 37ZKNxx



Receptacle: J30J-51, 66ZKNxx

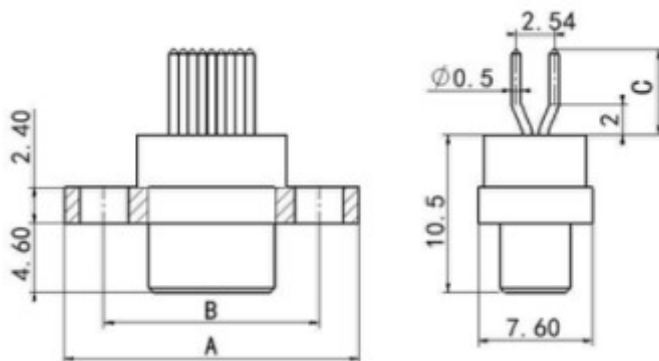


Receptacle type	A	B
J30J-9ZKNxx	19.68	14.3
J30J-15ZKNxx	23.5	18.2
J30J-21ZKNxx	27.4	22
J30J-25ZKNxx	29.8	24.5
J30J-31ZKNxx	33.6	28.3
J30J-37ZKNxx	37.4	32.2
J30J-51ZKNxx	36.4	30.86
J30J-66ZKNxx	42.9	37.3
Receptacle Model	C	Thickness mm
J30J-ZKN3	6.7	2 ~ 3.2
J30J-ZKN8	8	3.5 ~ 4.5
J30J-ZKN12	7	2.5 ~ 3.5
J30J-ZKN14	9	4.5 ~ 5.5
J30J-ZKN17	10	5.5 ~ 6.5

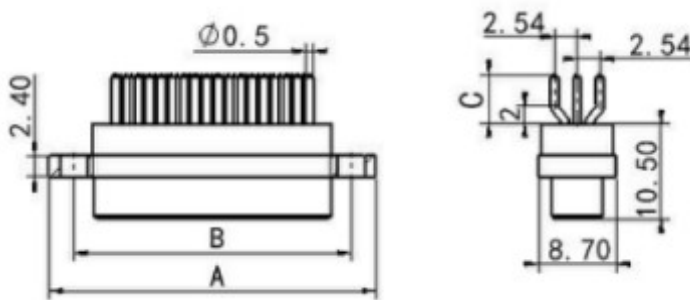
J30J series twisted pin micro rectangular electrical connector

J30J-Nxx-J series products. Features: Based on J30J-N-J, the length of the tail end of contacts is extended to «C» mm for straight printed board products, and the opening size remains unchanged.

Plug: J30J-9, 15, 21, 25, 31, 37TJNxx-J



Plug: J30J-51, 66TJNxx-J

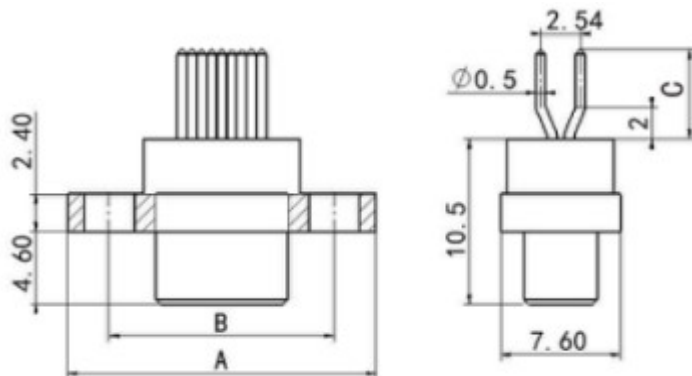


Plug type	A	B
J30J-9TJNxx-J	19.68	14.3
J30J-15TJNxx-J	23.5	18.2
J30J-21TJNxx-J	27.4	22
J30J-25TJNxx-J	29.8	24.5
J30J-31TJNxx-J	33.6	28.3
J30J-37TJNxx-J	37.4	32.2
J30J-51TJNxx-J	36.4	30.86
J30J-66TJNxx-J	42.9	37.3
Plug Model	C	Thickness mm
J30J-TJN3	6.7	2 ~ 3.2
J30J-TJN8	8	3.5 ~ 4.5
J30J-TJN12	7	2.5 ~ 3.5
J30J-TJN14	9	4.5 ~ 5.5
J30J-TJN17	10	5.5 ~ 6.5

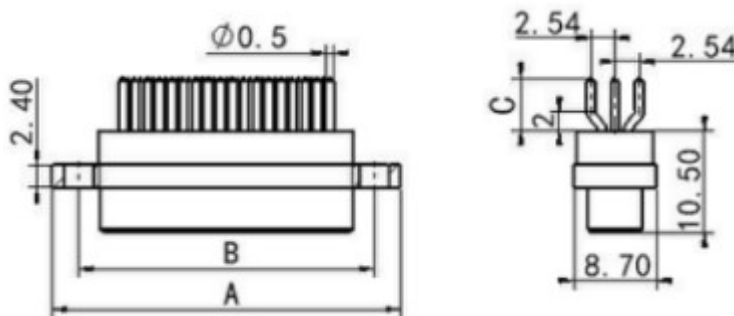


J30J series twisted pin micro rectangular electrical connector

Receptacle: J30J-9, 15, 21, 25, 31, 37ZKNxx-J



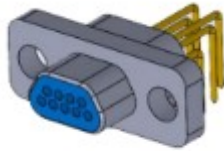
Receptacle: J30J-51, 66ZKNxx-J



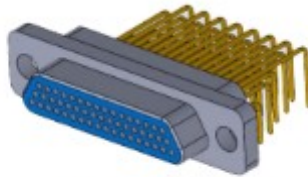
Receptacle type	A	B
J30J-9ZKNxx-J	19.68	14.3
J30J-15ZKNxx-J	23.5	18.2
J30J-21ZKNxx-J	27.4	22
J30J-25ZKNxx-J	29.8	24.5
J30J-31ZKNxx-J	33.6	28.3
J30J-37ZKNxx-J	37.4	32.2
J30J-51ZKNxx-J	36.4	30.86
J30J-66ZKNxx-J	42.9	37.3
Receptacle Model	C	Thickness mm
J30J-ZKN3	6.7	2 ~ 3.2
J30J-ZKN8	8	3.5 ~ 4.5
J30J-ZKN12	7	2.5 ~ 3.5
J30J-ZKN14	9	4.5 ~ 5.5
J30J-ZKN17	10	5.5 ~ 6.5

J30J series twisted pin micro rectangular electrical connector

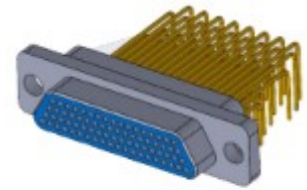
J30J-W series 90° printed board series



J30J-9~37TJW

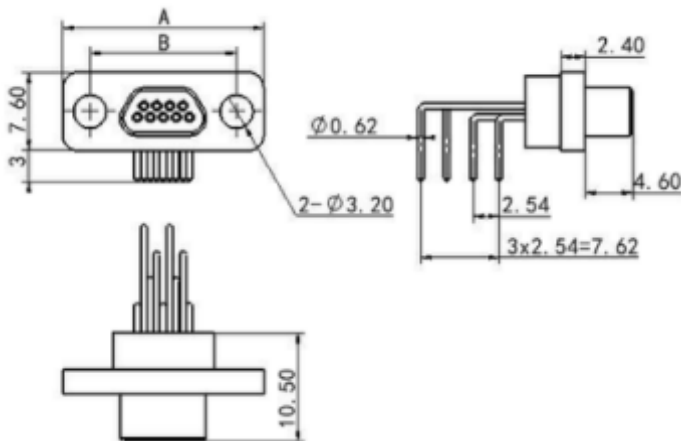


J30J-51TJW

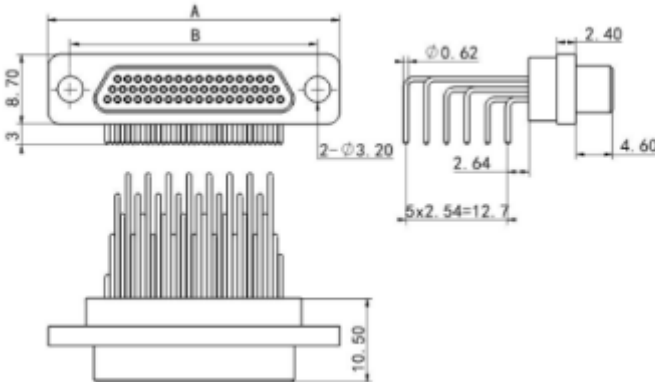


J30J-74TJW

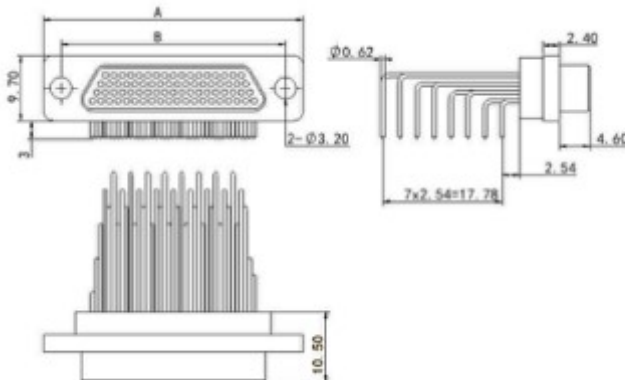
Plug: J30J-9, 15, 21, 25, 31, 37TJW



Plug: J30J-51, 66TJW



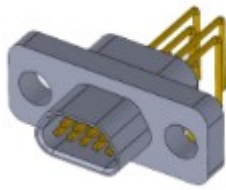
Plug: J30J-74, 100, 144TJW



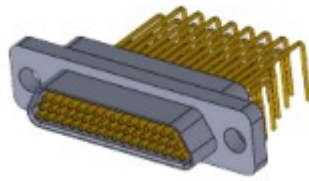
Plug type	A	B
J30J-9TJW	19.6	14.3
J30J-15TJW	23.5	18.2
J30J-21TJW	27.4	22
J30J-25TJW	29.8	24.5
J30J-31TJW	33.6	28.3
J30J-37TJW	37.4	32.2
J30J-51TJW	36.4	30.86
J30J-66TJW	42.9	37.3
J30J-74TJW	38.8	33.5
J30J-100TJW	54.7	45.7
J30J-144TJW	66.6	58.6



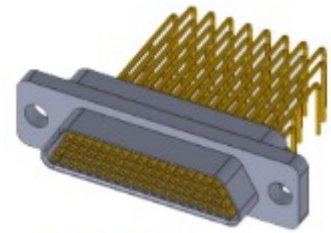
J30J series twisted pin micro rectangular electrical connector



J30J-9~37ZKW

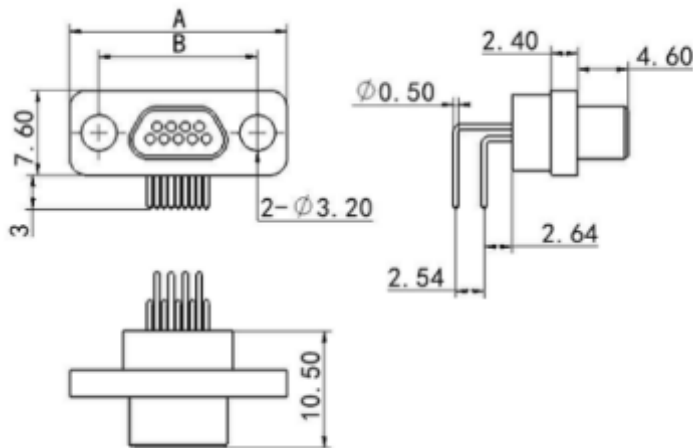


J30J-51ZKW

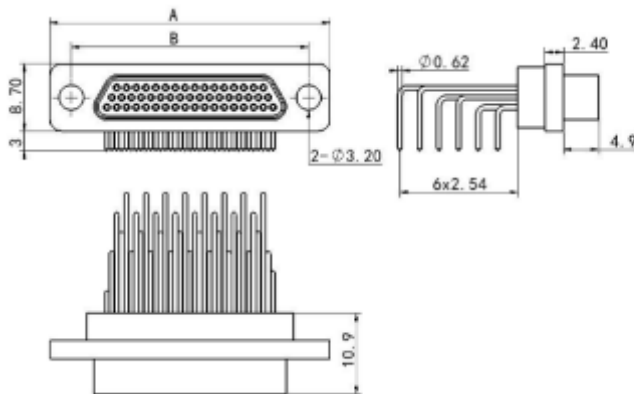


J30J-74ZKW

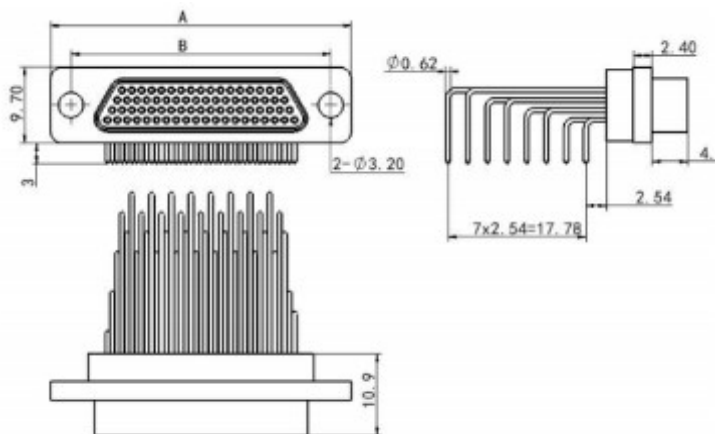
Receptacle: J30J-9, 15, 21, 25, 31, 37ZKW



Receptacle: J30J-51, 66ZKW



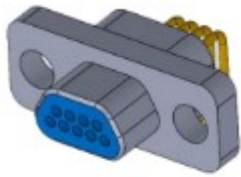
Receptacle: J30J-74, 100, 144ZKW



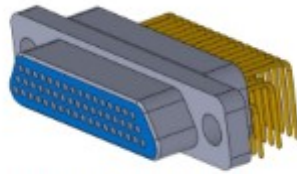
Receptacle type	A	B
J30J-9ZKW	19.6	14.3
J30J-15ZKW	23.5	18.2
J30J-21ZKW	27.4	22
J30J-25ZKW	29.8	24.5
J30J-31ZKW	33.6	28.3
J30J-37ZKW	37.4	32.2
J30J-51ZKW	36.4	30.86
J30J-66ZKW	42.9	37.3
J30J-74ZKW	38.8	33.5
J30J-100ZKW	54.7	45.7
J30J-144ZKW	66.6	58.6

J30J series twisted pin micro rectangular electrical connector

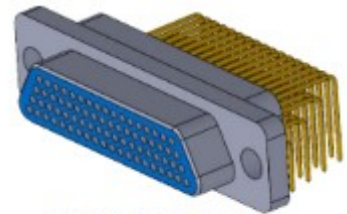
J30J-W-J series 90° printed board



J30J-9~37TJW-J

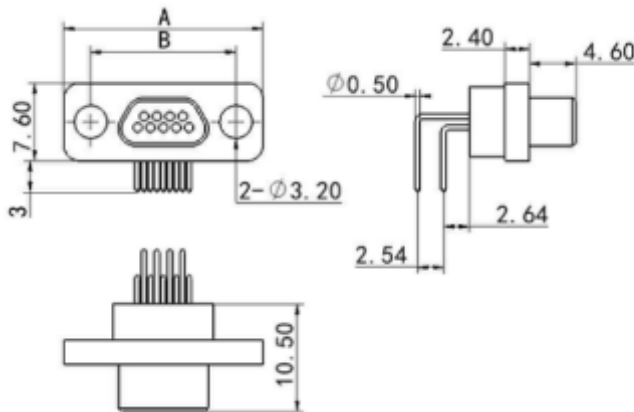


J30J-51TJW-J

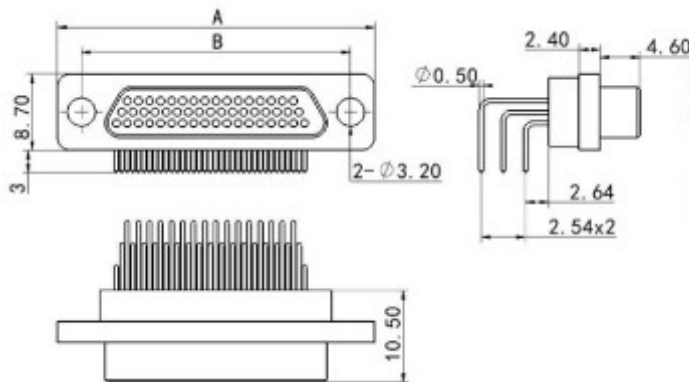


J30J-74TJW-J

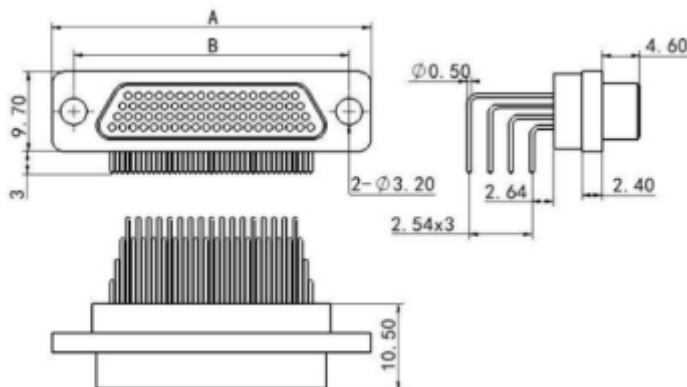
Plug: J30J-9, 15, 21, 25, 31, 37TJW-J



Plug: J30J-51, 66TJW-J



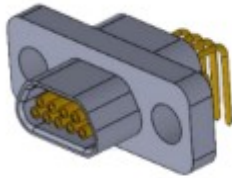
Plug: J30J-74, 100, 144TJW-J



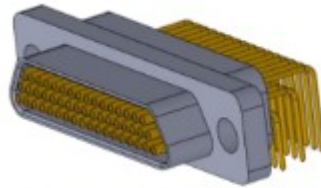
Plug type	A	B
J30J-9TJW-J	19.6	14.3
J30J-15TJW-J	23.5	18.2
J30J-21TJW-J	27.4	22
J30J-25TJW-J	29.8	24.5
J30J-31TJW-J	33.6	28.3
J30J-37TJW-J	37.4	32.2
J30J-51TJW-J	36.4	30.86
J30J-66TJW-J	42.9	37.3
J30J-74TJW-J	38.8	33.5
J30J-100TJW-J	54.7	45.7
J30J-144TJW-J	66.6	58.6



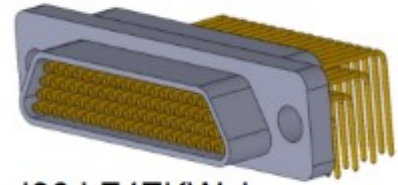
J30J series twisted pin micro rectangular electrical connector



J30J-9~37ZKW-J

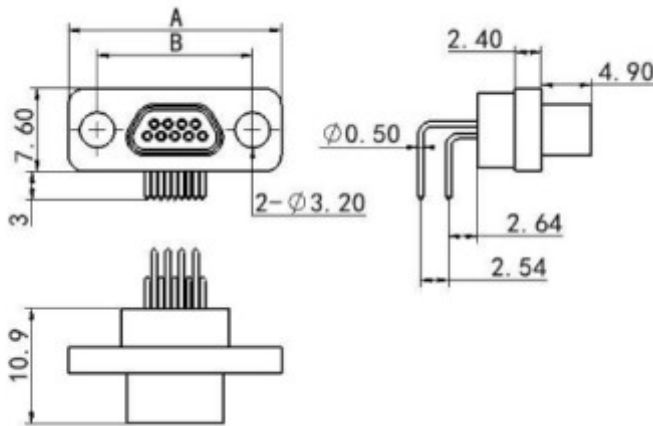


J30J-51ZKW-J

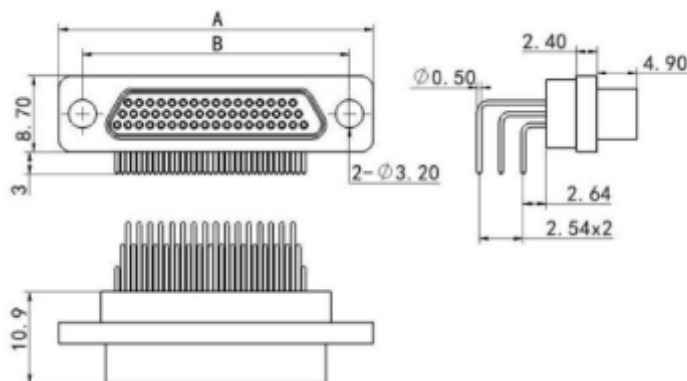


J30J-74ZKW-J

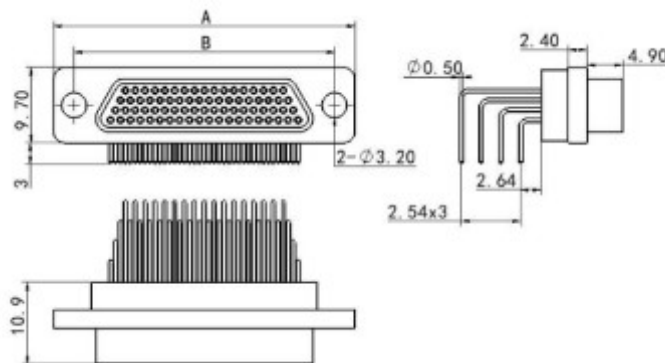
Receptacle: J30J-9, 15, 21, 25, 31, 37ZKW-J



Receptacle: J30J-51, 66ZKW-J



Receptacle: J30J-74, 100, 144ZKW-J



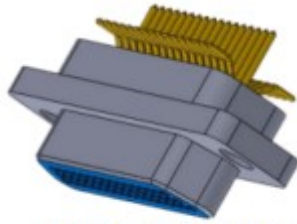
Receptacle type	A	B
J30J-9ZKW-J	19.6	14.3
J30J-15ZKW-J	23.5	18.2
J30J-21ZKW-J	27.4	22
J30J-25ZKW-J	29.8	24.5
J30J-31ZKW-J	33.6	28.3
J30J-37ZKW-J	37.4	32.2
J30J-51ZKW-J	36.4	30.86
J30J-66ZKW-J	42.9	37.3
J30J-74ZKW-J	38.8	33.5
J30J-100ZKW-J	54.7	45.7
J30J-144ZKW-J	66.6	58.6

J30J series twisted pin micro rectangular electrical connector

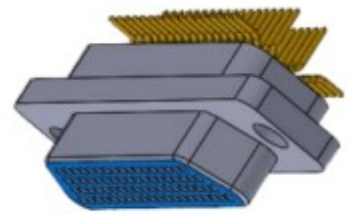
J30J-NB-J Series Products



J30J-9~37TJNB-J

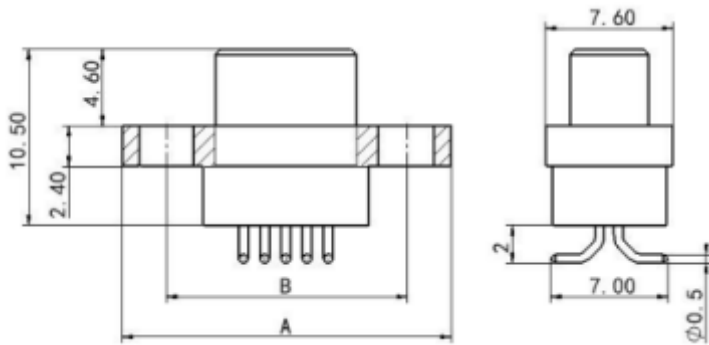


J30J-51TJNB-J

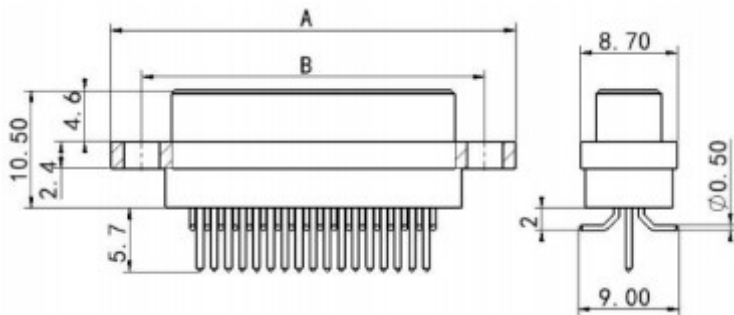


J30J-74TJNB-J

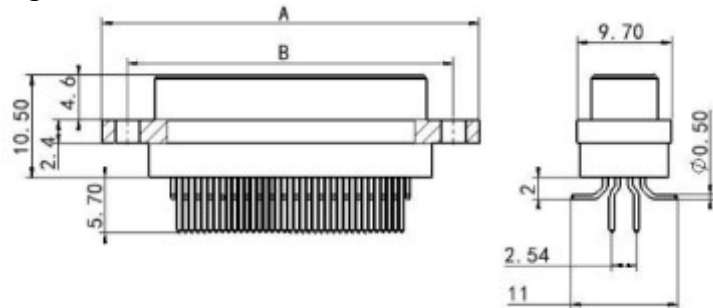
Plug: J30J-9, 15, 21, 25, 31, 37TJNB-J



Plug: J30J-51, 66TJNB-J



Plug: J30J-74, 100TJNB-J



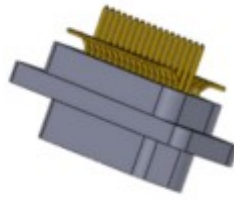
Plug type	A	B
J30J-9TJNB-J	19.6	14.3
J30J-15TJNB-J	23.5	18.2
J30J-21TJNB-J	27.4	22
J30J-25TJNB-J	29.8	24.5
J30J-31TJNB-J	33.6	28.3
J30J-37TJNB-J	37.4	32.2
J30J-51TJNB-J	36.4	30.86
J30J-66TJNB-J	42.9	37.3
J30J-74TJNB-J	38.8	33.5
J30J-100TJNB-J	54.7	45.7



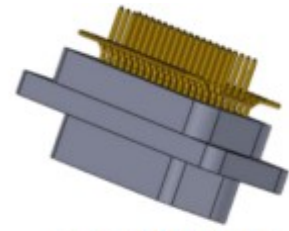
J30J series twisted pin micro rectangular electrical connector



J30J-9~37ZKNB-J

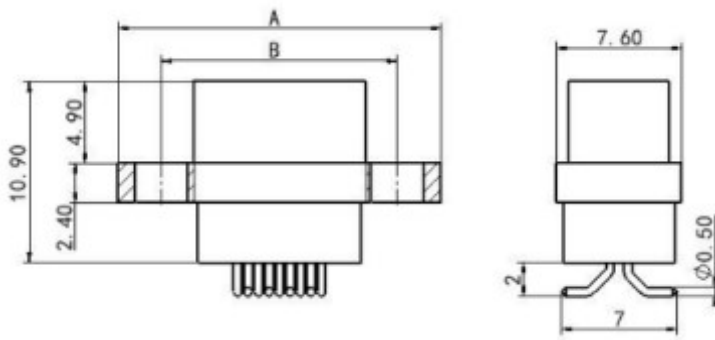


J30J-51ZKNB-J

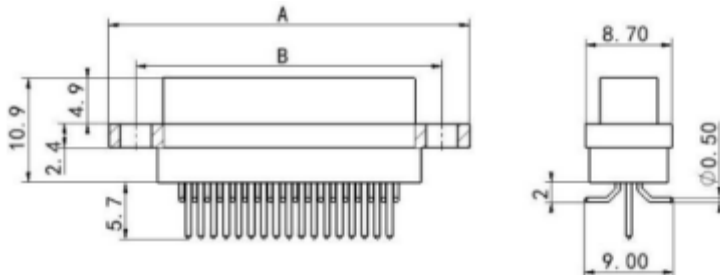


J30J-74ZKNB-J

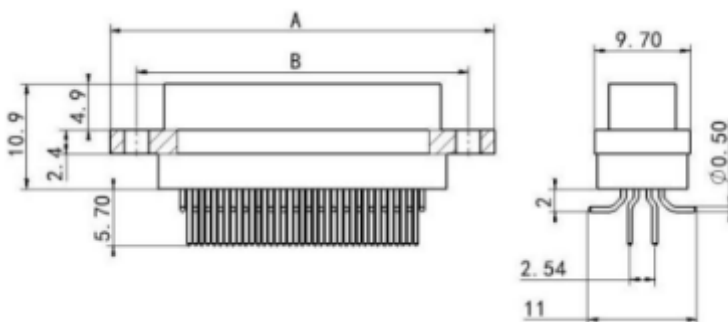
Receptacle: J30J-9, 15, 21, 25, 31, 37ZKNB-J



Receptacle: J30J-51, 66ZKNB-J



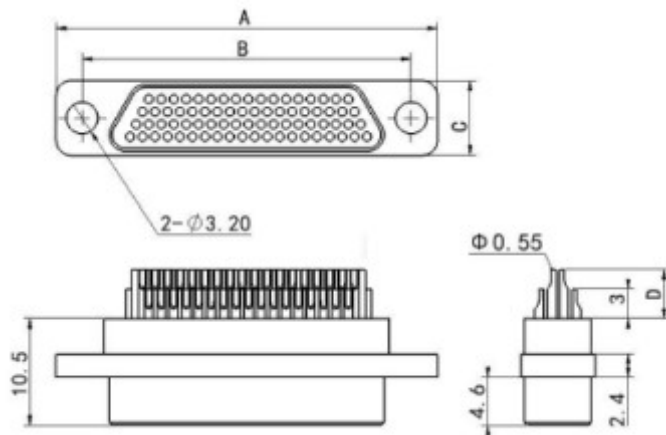
Receptacle: J30J-74, 100ZKNB-J



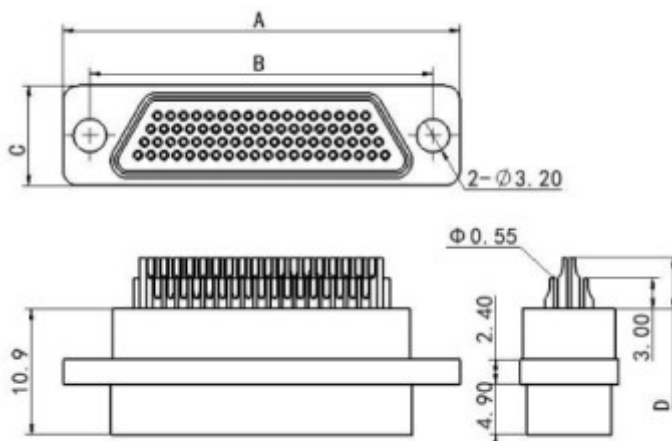
Receptacle type	A	B
J30J-9ZKNB-J	19.6	14.3
J30J-15ZKNB-J	23.5	18.2
J30J-21ZKNB-J	27.4	22
J30J-25ZKNB-J	29.8	24.5
J30J-31ZKNB-J	33.6	28.3
J30J-37ZKNB-J	37.4	32.2
J30J-51ZKNB-J	36.4	30.86
J30J-66ZKNB-J	42.9	37.3
J30J-74ZKNB-J	38.8	33.5
J30J-100ZKNB-J	54.7	45.7

J30J series twisted pin micro rectangular electrical connector

J30JE-S series products. Features: Based on J30J series products, the housing height is reduced. The height of the plug housing is 8.6 mm, and the height of the receptacle housing is 9.5 mm



Plug type	A	B	C	D
J30JE-9TK-S	19.68	14.35	7.57	/
J30JE-15TK-S	23.5	18.2	7.57	/
J30JE-21TK-S	27.4	21.97	7.57	/
J30JE-25TK-S	29.84	24.51	7.57	/
J30JE-31TK-S	33.66	28.32	7.57	/
J30JE-37TK-S	37.46	32.13	7.57	/
J30JE-51TK-S	36.4	30.86	8.66	5
J30JE-74TK-S	38.8	33.5	9.75	5
J30JE-100TK-S	54.7	45.7	9.75	5

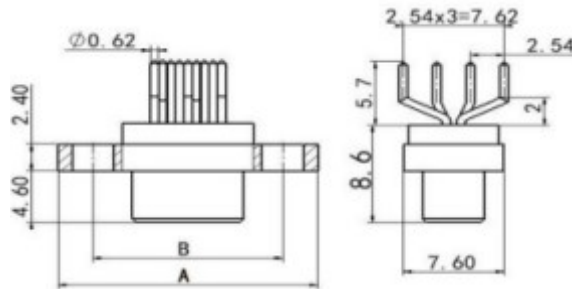


Receptacle type	A	B	C	D
J30JE-9ZJ-S	19.68	14.35	7.57	/
J30JE-15ZJ-S	23.5	18.2	7.57	/
J30JE-21ZJ-S	27.4	21.97	7.57	/
J30JE-25ZJ-S	29.84	24.51	7.57	/
J30JE-31ZJ-S	33.66	28.32	7.57	/
J30JE-37ZJ-S	37.46	32.13	7.57	/
J30JE-51ZJ-S	36.4	30.86	8.66	5
J30JE-74ZJ-S	38.8	33.5	9.75	5
J30JE-100ZJ-S	54.7	45.7	9.75	5

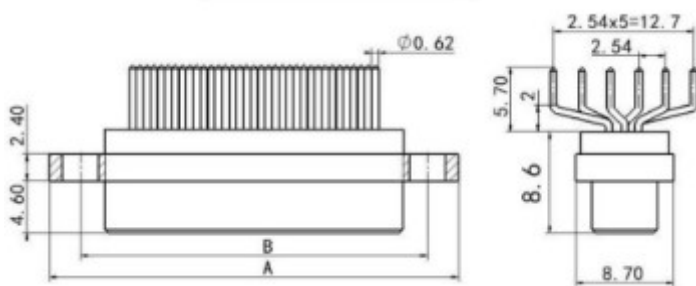
J30JE-N series products. Straight Printed Board

«N» type features: The connection between the tail of the contact and the printed board is a straight plug type, and the «N» type grid size is 2.54 x 2.54. The size of the printed board opening is the same as that of J30J-N series products with the same number of contacts

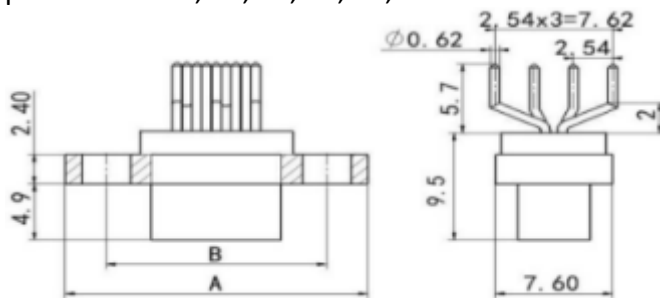
Plug: J30JE-9, 15, 21, 25, 31, 37TJN



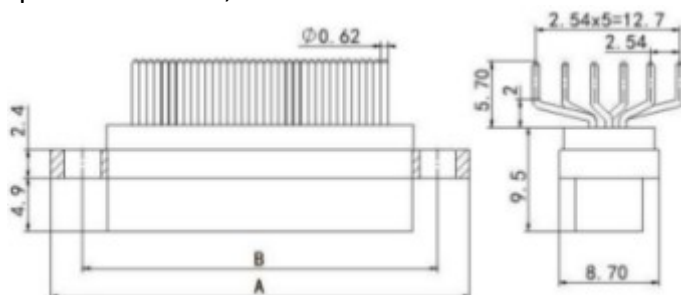
Plug: J30JE-51, 66TJN



Receptacle: J30JE-9, 15, 21, 25, 31, 37ZKN



Receptacle: J30JE-51, 66ZKN



Plug type	A	B
J30JE-9TKN	19.6	14.3
J30JE-15TKN	23.5	18.2
J30JE-21TKN	27.4	22
J30JE-25TKN	29.8	24.5
J30JE-31TKN	33.6	28.3
J30JE-37TKN	37.4	32.1
J30JE-51TKN	36.4	30.86
J30JE-66TKN	42.9	37.3

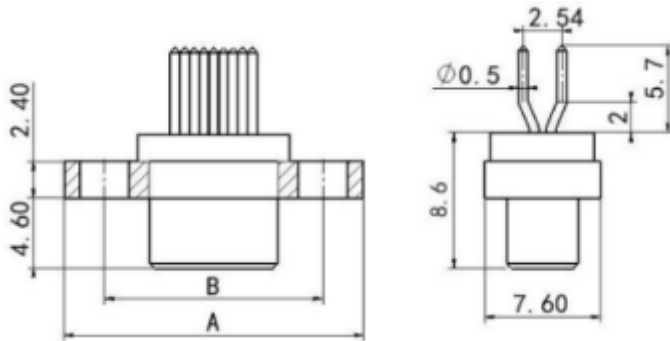
Receptacle type	A	B
J30JE-9ZJN	19.6	14.3
J30JE-15ZJN	23.5	18.2
J30JE-21ZJN	27.4	22
J30JE-25ZJN	29.8	24.5
J30JE-31ZJN	33.6	28.3
J30JE-37ZJN	37.4	32.1
J30JE-51ZJN	36.4	30.86
J30JE-66ZJN	42.9	37.3

J30J series twisted pin micro rectangular electrical connector

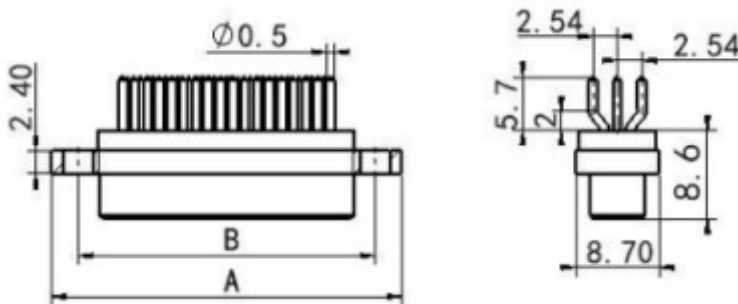
J30JE-N-J series products

«N-J» type features: The connection between the tail of the contact and the printed board is of the in-line type. The «N-J» type grid size is 1.27 x 2.54, and the size of the printed board opening is the same as that of J30J-N-J series products with the same number of contacts

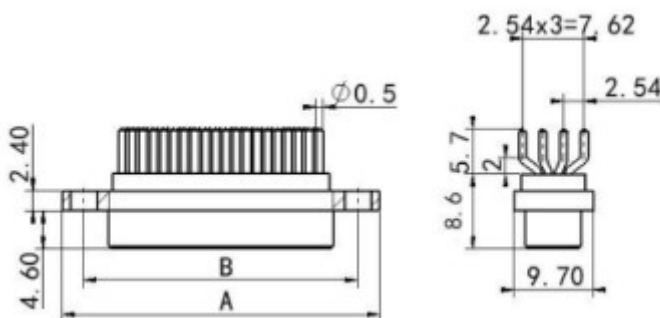
Plug: J30JE-9, 15, 21, 25, 31, 37TJN-J



Plug: J30JE-51, 66TJN-J



Plug: J30JE-74, 100TJN-J

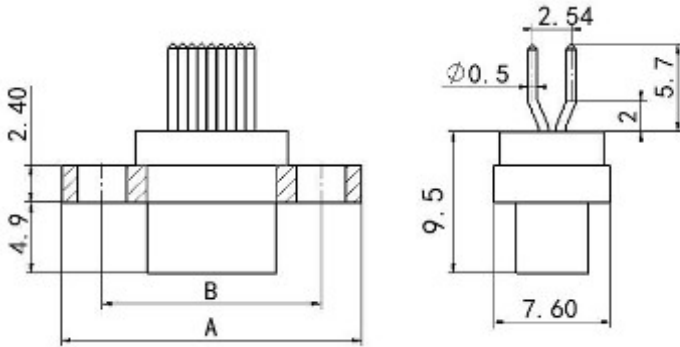


Plug type	A	B
J30JE-9TKN-J	19.6	14.3
J30JE-15TKN-J	23.5	18.2
J30JE-21TKN-J	27.4	22
J30JE-25TKN-J	29.8	24.5
J30JE-31TKN-J	33.6	28.3
J30JE-37TKN-J	37.4	32.1
J30JE-51TKN-J	36.4	30.86
J30JE-66TKN-J	42.9	37.3
J30JE-74TKN-J	38.8	33.5
J30JE-100TKN-J	54.7	45.7

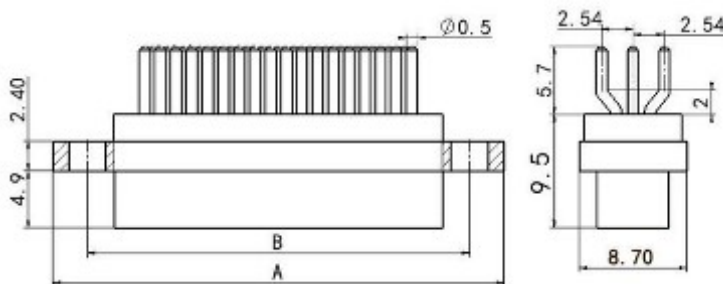


J30J series twisted pin micro rectangular electrical connector

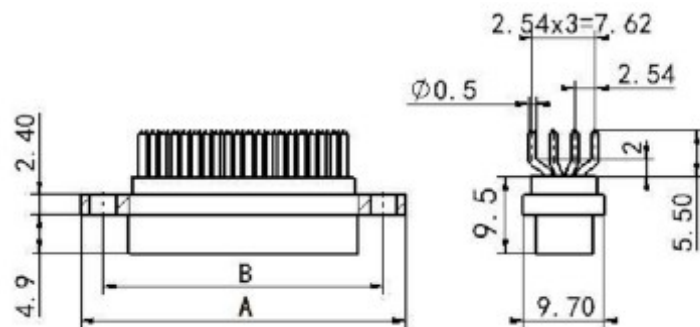
Receptacle: J30JE-9, 15, 21, 25, 31, 37ZKN-J



Receptacle: J30JE-51, 66ZKN-J



Receptacle: J30JE-74, 100ZKN-J

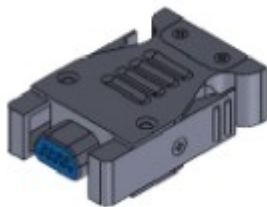


Receptacle type	A	B
J30JE-9ZJN-J	19.6	14.3
J30JE-15ZJN-J	23.5	18.2
J30JE-21ZJN-J	27.4	22
J30JE-25ZJN-J	29.8	24.5
J30JE-31ZJN-J	33.6	28.3
J30JE-37ZJN-J	37.4	32.1
J30JE-51ZJN-J	36.4	30.86
J30JE-66ZJN-J	42.9	37.3
J30JE-74ZJN-J	38.8	33.5
J30JE-100ZJN-J	54.7	45.7

J30J series twisted pin micro rectangular electrical connector

J30JA Series Products

Product features: The plug is in the form of crimping, and has a pressing plate to compress the wire. Fast locking is achieved through the locking devices at both ends of the plug and the Receptacle



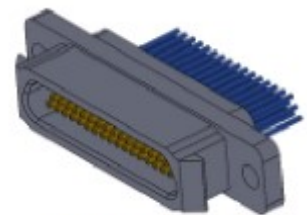
J30JA-9TJ



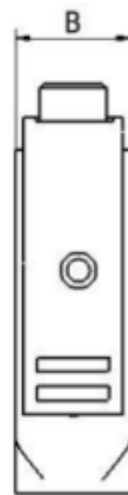
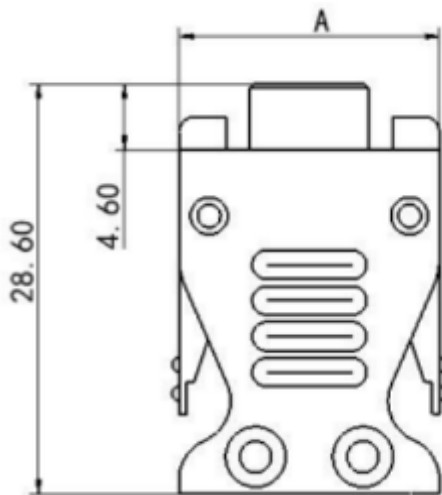
J30JA-51TJ



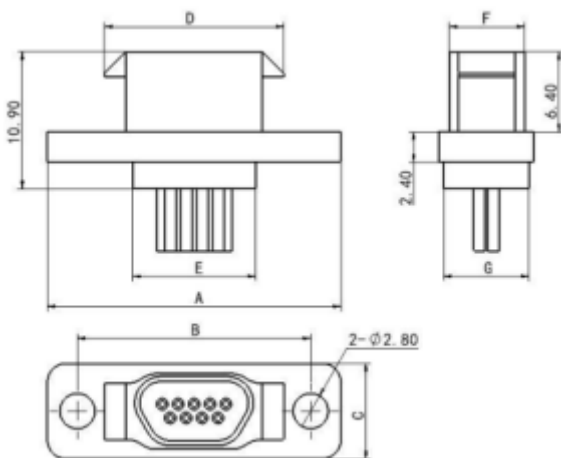
J30JA-9ZK



J30JA-51ZK



Plug type	A	B
J30JA-9TJ	18.2	8.1
J30JA-15TJ	22.1	8.1
J30JA-21TJ	25.8	8.1
J30JA-25TJ	28.4	8.1
J30JA-31TJ	32.2	8.1
J30JA-37TJ	36	8.1
J30JA-51TJ	34.8	10
J30JA-66TJ	41.2	10
J30JA-74TJ	37.3	11
J30JA-100TJ	44.8	11
J30JA-144TJ	58.8	11



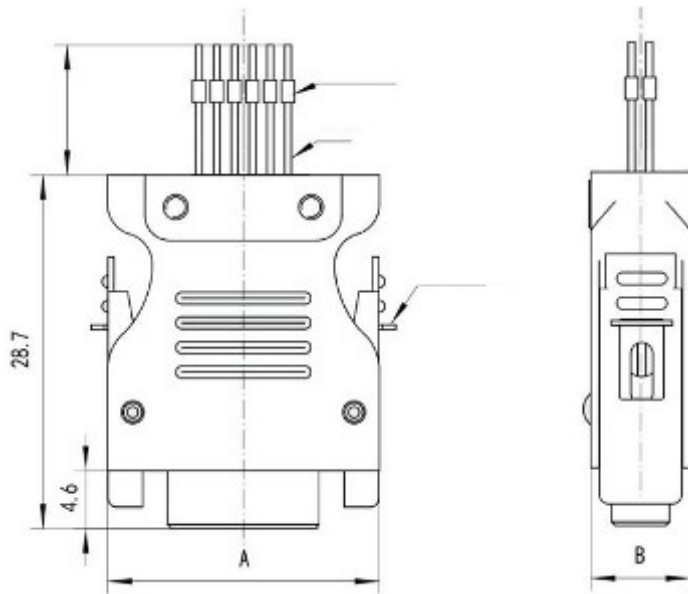
Receptacle type	A	B	C	D	E	F	G
J30JA-9ZK	23.4	18.6	7.6	14.3	9.8	6.5	6.8
J30JA-15ZK	27.4	22.6	7.6	18.3	13.8	6.5	6.8
J30JA-21ZK	31.1	26.3	7.6	22	17.5	6.5	6.8
J30JA-25ZK	33.7	28.9	7.6	24.6	20.1	6.5	6.8
J30JA-31ZK	37.5	32.7	7.6	28.4	24.1	6.5	6.8
J30JA-37ZK	41.4	36.6	7.6	32.3	27.8	6.5	6.8
J30JA-51ZK	40.1	35.3	8.7	31	26.5	7.6	7.9
J30JA-66ZK	46.5	41.7	8.7	37.4	33	7.6	7.9
J30JA-74ZK	42.6	37.8	9.8	33.5	29	8.7	9



J30J series twisted pin micro rectangular electrical connector

J30JA1 Quick locking products

Features: Based on the J30JA plug, the locking tabs on both sides add a push pull locking and anti loosening function, and the overall overall dimensions of the product remain unchanged

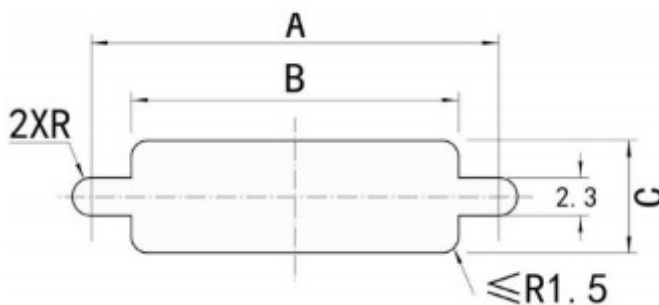


Plug type	A	B
J30JA1-9TJ	18.2	8.1
J30JA1-15TJ	22.1	8.1
J30JA1-21TJ	25.8	8.1
J30JA1-25TJ	28.4	8.1
J30JA1-31TJ	32.2	8.1
J30JA1-37TJ	36	8.1
J30JA1-51TJ	34.8	10
J30JA1-66TJ	41.2	10
J30JA1-74TJ	37.3	11
J30JA1-100TJ	44.8	11
J30JA1-144TJ	58.8	11



J30JA-ZK and J30JA-TJ/J30JA1-TJ are inserted

J30JA-ZK
receptacle board front mounting hole size



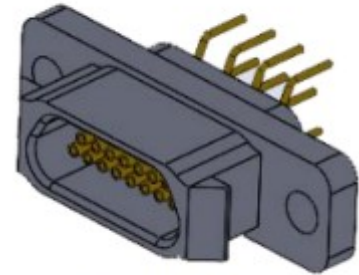
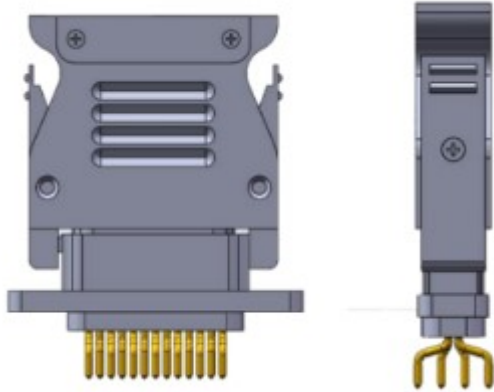
Number of contacts	A	B	C
9	18.6	10.2	7.2
15	22.6	14.2	7.2
21	26.3	17.9	7.2
25	28.9	20.5	7.2
31	32.7	24.5	7.2
37	36.6	28.2	7.2
51	35.3	26.9	8.3
66	41.7	33.4	8.3
74	37.8	29.4	9.4
100	45.3	36.9	9.4
144	59.3	51.1	9.5

J30J series twisted pin micro rectangular electrical connector



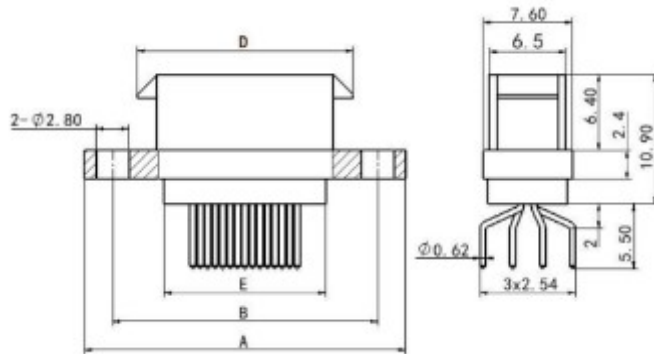
J30JA Straight printed board receptacle (grid 2.54 x 2.54)

Outline drawing after docking with J30JA-TJ/J30JA1-TJ plug

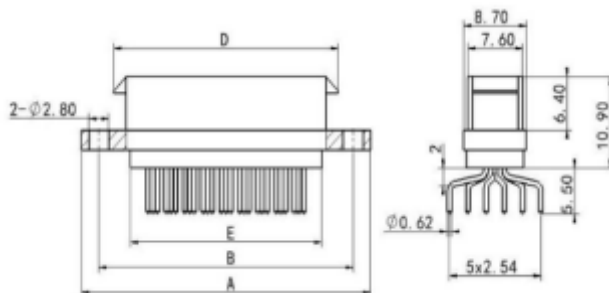


J30JA-15ZKN

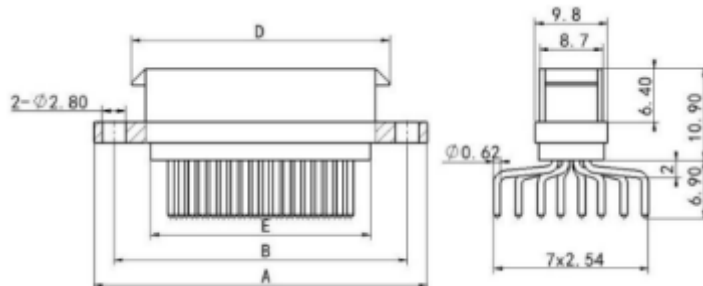
J30JA-9, 15, 21, 25, 31, 37ZKN



J30JA-51, 66ZKN



J30JA-74, 100, 144ZKN



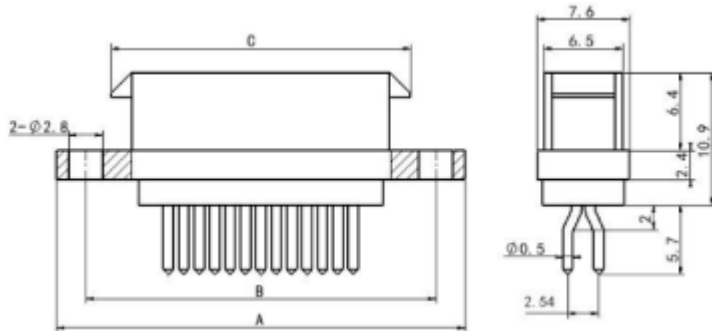
Receptacle type	A	B	D	E
J30JA-9ZKN	23.4	18.6	14.4	9.8
J30JA-15ZKN	27.4	22.6	18.3	13.8
J30JA-21ZKN	31.1	26.3	22	17.5
J30JA-25ZKN	33.7	28.9	24.6	20.1
J30JA-31ZKN	37.5	32.7	28.4	24.1
J30JA-37ZKN	41.4	36.6	32.2	27.8
J30JA-51ZKN	40.1	35.3	31	26.5
J30JA-66ZKN	46.5	41.7	37.4	33
J30JA-74ZKN	42.6	37.8	33.5	29
J30JA-100ZKN	50.1	45.3	41	36.5
J30JA-144ZKN	64.1	59.3	55	50.7



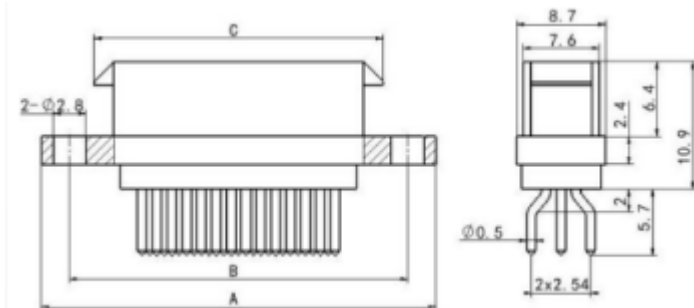
J30J series twisted pin micro rectangular electrical connector

J30JA Straight printed board receptacle (grid 1.27 x 2.54)

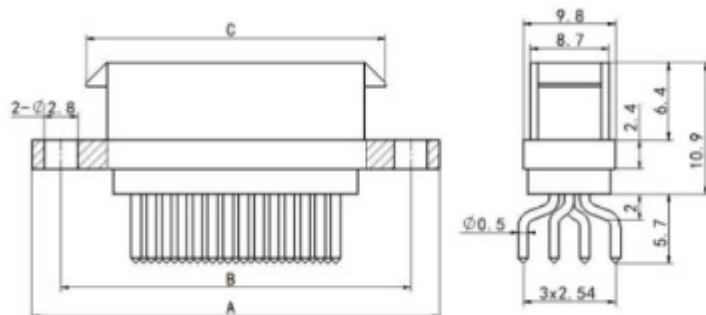
J30JA-9, 15, 21, 25, 31, 37ZKN-J



J30JA-51, 66ZKN-J



J30JA-74, 100, 144ZKN-J



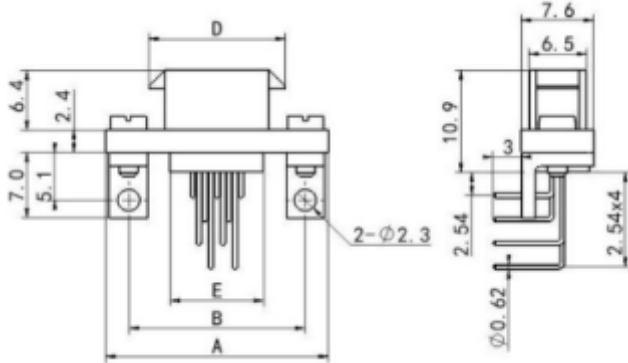
Receptacle type	A	B	C
J30JA-9ZKN-J	23.4	18.6	14.3
J30JA-15ZKN-J	27.4	22.6	18.3
J30JA-21ZKN-J	31.1	26.3	22
J30JA-25ZKN-J	33.7	28.9	24.6
J30JA-31ZKN-J	37.5	32.7	28.4
J30JA-37ZKN-J	41.4	36.6	32.3
J30JA-51ZKN-J	40.1	35.5	31
J30JA-66ZKN-J	46.5	41.9	37.4
J30JA-74ZKN-J	42.6	37.8	33.5
J30JA-100ZKN-J	50.1	45.3	41
J30JA-144ZKN-J	64.1	59.3	56

J30J series twisted pin micro rectangular electrical connector

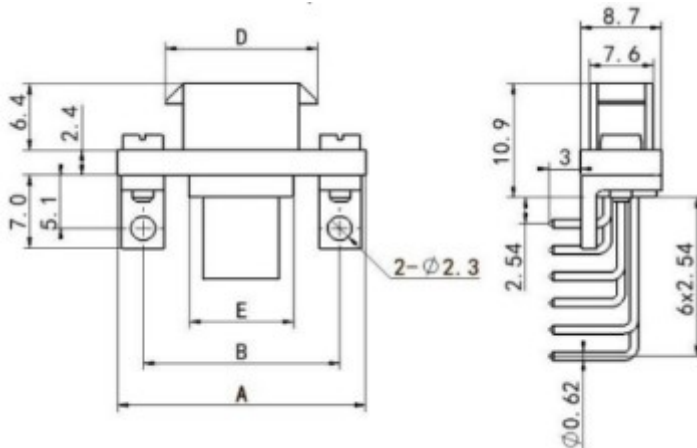


J30JA 90° printed board receptacle (grid 2.54 x 2.54)

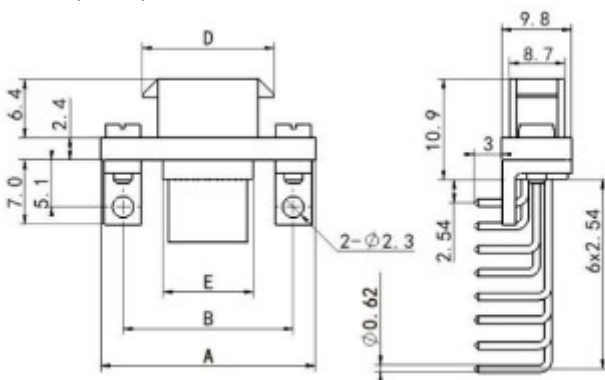
J30JA-9, 15, 21, 25, 31, 37ZKW



J30JA-51, 66ZKW



J30JA-74, 100, 144ZKW



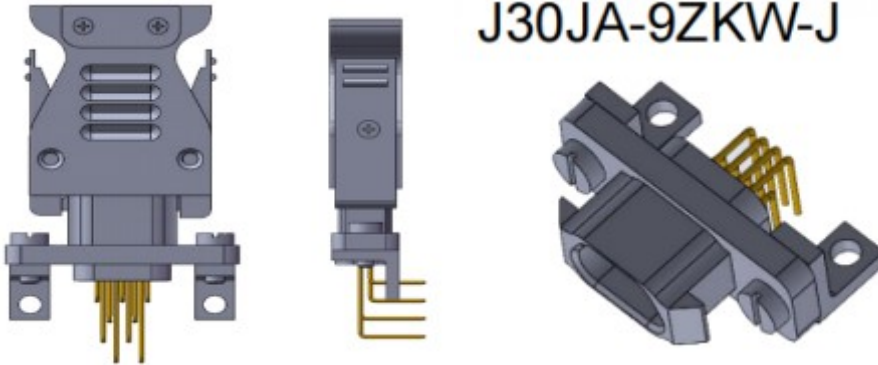
Receptacle type	A	B	D	E
J30JA-9ZKW	23.4	18.6	14.3	9.8
J30JA-15ZKW	27.4	22.6	18.3	13.8
J30JA-21ZKW	31.1	26.3	22	17.5
J30JA-25ZKW	33.7	28.9	24.6	20.1
J30JA-31ZKW	37.5	32.7	28.4	24.1
J30JA-37ZKW	41.4	36.6	32.3	27.8
J30JA-51ZKW	40.1	35.5	31	26.5
J30JA-66ZKW	46.5	41.9	37.4	33
J30JA-74ZKW	42.6	37.8	33.5	29
J30JA-100ZKW	50.1	45.3	41	36.5
J30JA-144ZKW	64.1	59.3	56	50.5



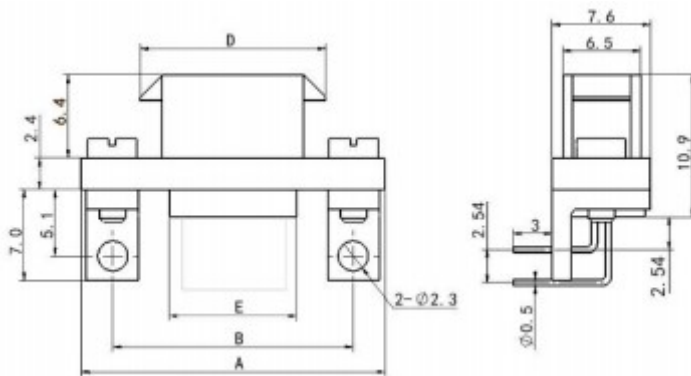
J30J series twisted pin micro rectangular electrical connector

J30JA 90° printed board receptacle (grid 1.27 x 2.54)

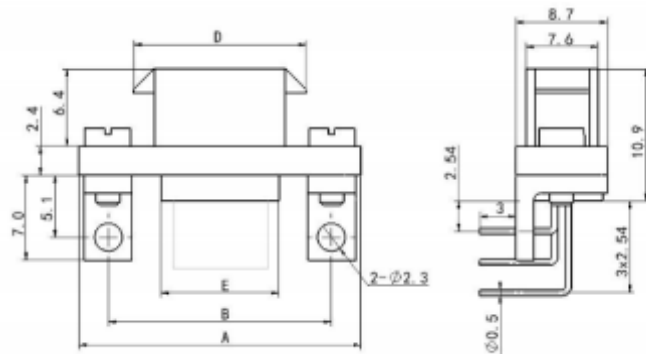
Outline drawing after docking with J30JA-TJ/J30JA1-TJ plug



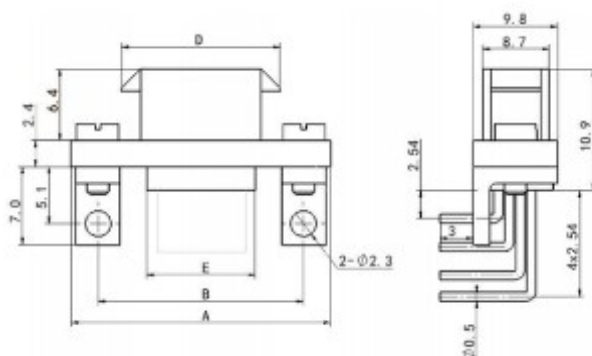
J30JA-9, 15, 21, 25, 31, 37ZKW-J



J30JA-51, 66ZKW-J



J30JA-74, 100, 144ZKW-J

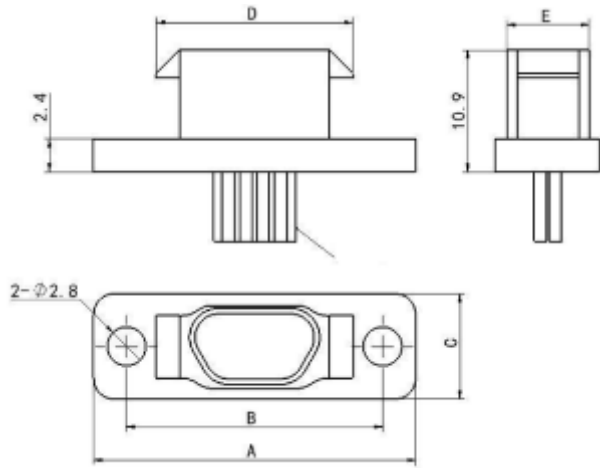


Receptacle type	A	B	D	E
J30JA-9ZKW-J	23.4	18.6	14.3	9.8
J30JA-15ZKW-J	27.4	22.6	18.3	13.8
J30JA-21ZKW-J	31.1	26.3	22	17.5
J30JA-25ZKW-J	33.7	28.9	24.6	20.1
J30JA-31ZKW-J	37.5	32.7	28.4	24.1
J30JA-37ZKW-J	41.4	36.6	32.3	27.8
J30JA-51ZKW-J	40.1	35.5	31	26.5
J30JA-66ZKW-J	46.5	41.9	37.4	33
J30JA-74ZKW-J	42.6	37.8	33.5	29
J30JA-100ZKW-J	50.1	45.3	41	36.5
J30JA-144ZKW-J	64.1	59.3	56	50.5

J30J series twisted pin micro rectangular electrical connector

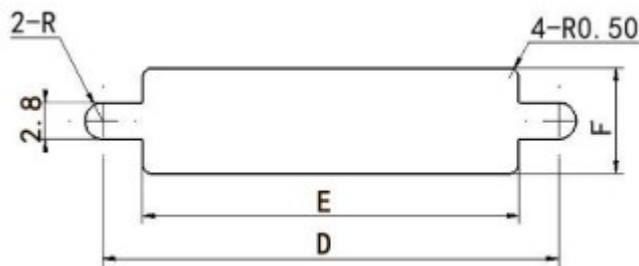
J30JA2 quick locking series products, receptacle, crimp type

Features: Based on the J30JA-XXZK receptacle, the housing flange is moved downward, allowing for rear plate installation.



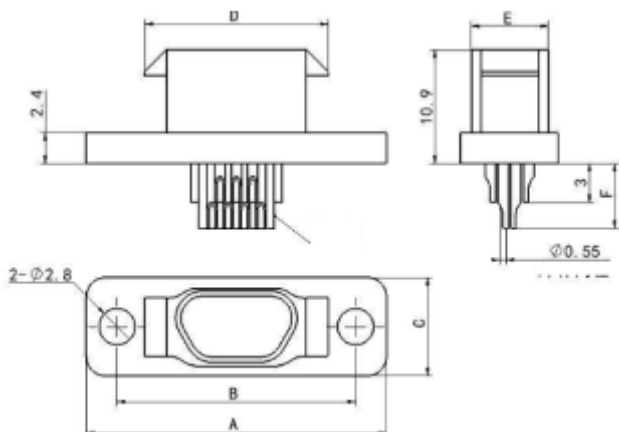
Receptacle type	A	B	C	D	E
J30JA2-9ZK	23.4	18.6	7.6	14.3	6.5
J30JA2-15ZK	27.4	22.6	7.6	18.3	6.5
J30JA2-21ZK	31.1	26.3	7.6	22	6.5
J30JA2-25ZK	33.7	28.9	7.6	24.6	6.5
J30JA2-31ZK	37.5	32.7	7.6	28.4	6.5
J30JA2-37ZK	41.4	36.6	7.6	32.3	6.5
J30JA2-51ZK	40.1	35.5	8.7	31	7.6
J30JA2-66ZK	46.5	41.9	8.7	37.4	7.6
J30JA2-74ZK	42.6	37.8	9.8	33.5	8.7
J30JA2-100ZK	50.1	45.3	9.8	41	8.7
J30JA2-144ZK	64.1	59.3	9.8	56	8.7

J30JA2-ZK
receptacle board front mounting hole size



Number of contacts	D	E	F
9	18.6	10.2	7.2
15	22.6	14.2	7.2
21	26.3	17.9	7.2
25	28.9	20.5	7.2
31	32.7	24.5	7.2
37	36.6	28.2	7.2
51	35.3	26.9	8.3
66	41.7	33.4	8.3
74	37.8	29.4	9.4
100	45.3	36.9	9.4
144	59.3	51.1	9.5

J30JA2 quick locking series products, receptacle, solder type

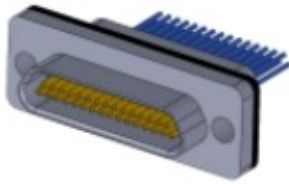


Receptacle type	A	B	C	D	E	F
J30JA2-9ZKS	23.4	18.6	7.6	14.3	6.5	/
J30JA2-15ZKS	27.4	22.6	7.6	18.3	6.5	/
J30JA2-21ZKS	31.1	26.3	7.6	22	6.5	/
J30JA2-25ZKS	33.7	28.9	7.6	24.6	6.5	/
J30JA2-31ZKS	37.5	32.7	7.6	28.4	6.5	/
J30JA2-37ZKS	41.4	36.6	7.6	32.3	6.5	/
J30JA2-51ZKS	40.1	35.5	8.7	31	7.6	5
J30JA2-74ZKS	46.5	41.9	8.7	37.4	7.6	5
J30JA2-100ZKS	42.6	37.8	9.8	33.5	8.7	5
J30JA2-9ZKS	50.1	45.3	9.8	41	8.7	5
J30JA2-144ZK	64.1	59.3	9.8	56	8.7	5

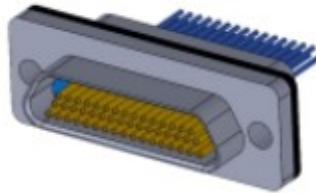


J30J series twisted pin micro rectangular electrical connector

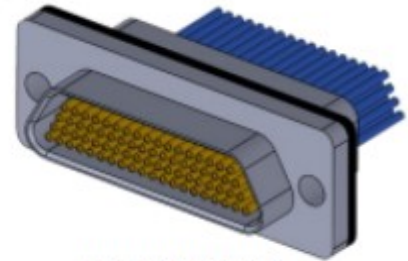
Features: J30JM-ZK series rubber sealing receptacle have the same performance indicators as J30J series electrical connectors, and an air leakage rate indicator is added: $5 \times 10^{-2} \text{Pa} \cdot \text{cm}^3/\text{s}$



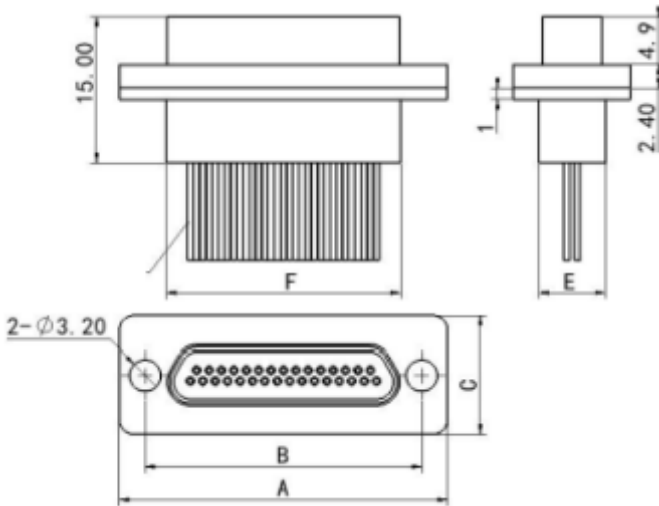
J30JM-9~37ZK



J30JM-51ZK

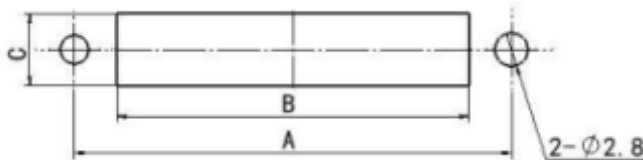


J30JM-74ZK



Receptacle type	A	B	C	E	F
J30JM-9ZK	19.6	14.3	12	6.8	9.9
J30JM-15ZK	23.5	18.2	12	6.8	13.8
J30JM-21ZK	27.4	22	12	6.8	17.6
J30JM-25ZK	29.8	24.5	12	6.8	20.2
J30JM-31ZK	33.6	28.3	12	6.8	24
J30JM-37ZK	37.4	32.2	12	6.8	27.8
J30JM-51ZK	36.4	30.86	13	7.9	26.6
J30JM-66ZK	42.9	37.3	13	7.9	33
J30JM-74ZK	38.8	33.5	14	9.1	29.1
J30JM-100ZK	54.7	45.7	14	9.1	36.8

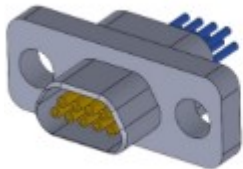
J30JM-ZK receptacle board front mounting hole size



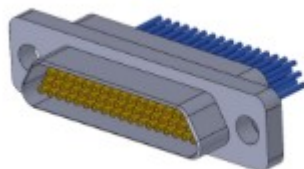
Number of contacts	A	B	C
9	14.3	10.2	7
15	18.2	14.1	7
21	22	17.9	7
25	24.5	20.5	7
31	28.3	24.3	7
37	32.2	28.1	7
51	30.86	26.9	8.1
66	37.3	33.4	8.1
74	33.5	29.4	9.3
100	45.7	37	9.3

J30J series twisted pin micro rectangular electrical connector

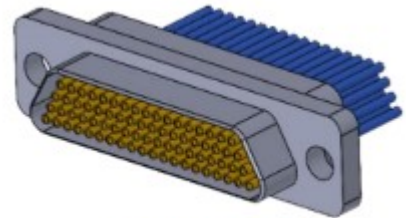
Features: J30JR series of pin and socket reverse mounted products, namely, plug mounted socket, receptacle mounted pin



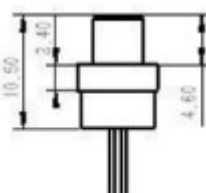
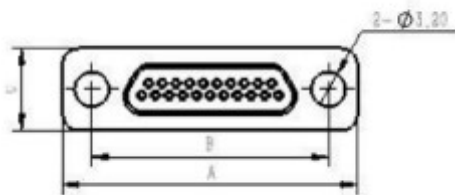
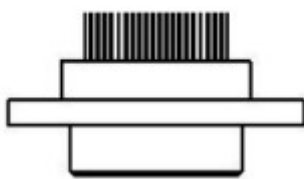
J30JR-9~37TK



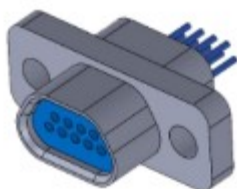
J30JR-51TK



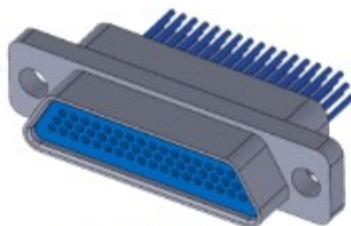
J30JR-74TK



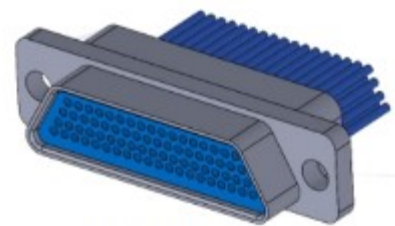
Plug type	A	B	C
J30JR-9TK	19.6	14.3	7.6
J30JR-15TK	23.5	18.2	7.6
J30JR-21TK	27.4	22	7.6
J30JR-25TK	29.8	24.5	7.6
J30JR-31TK	33.6	28.3	7.6
J30JR-37TK	37.4	32.2	7.6
J30JR-51TK	36.4	30.86	8.7
J30JR-74TK	38.8	33.5	9.7
J30JR-100TK	54.7	45.7	9.7
J30JR-144TK	66.6	58.6	9.7



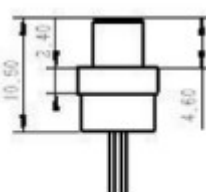
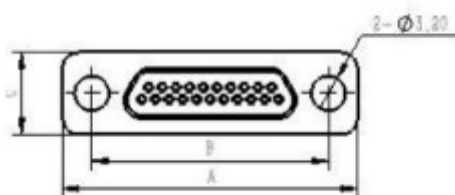
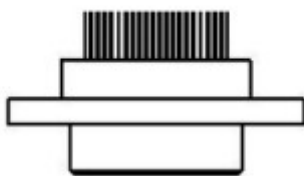
J30JR-9~37ZJ



J30JR-51ZJ



J30JR-74ZJ



Plug type	A	B	C
J30JR-9ZJ	19.6	14.3	7.6
J30JR-15ZJ	23.5	18.2	7.6
J30JR-21ZJ	27.4	22	7.6
J30JR-25ZJ	29.8	24.5	7.6
J30JR-31ZJ	33.6	28.3	7.6
J30JR-37ZJ	37.4	32.2	7.6
J30JR-51ZJ	36.4	30.86	8.7
J30JR-74ZJ	38.8	33.5	9.7
J30JR-100ZJ	54.7	45.7	9.7
J30JR-144ZJ	66.6	58.6	9.7

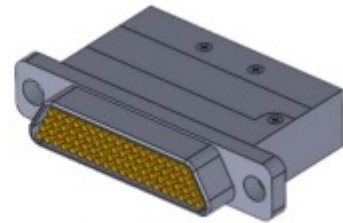
J30JR-A series products



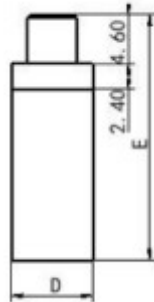
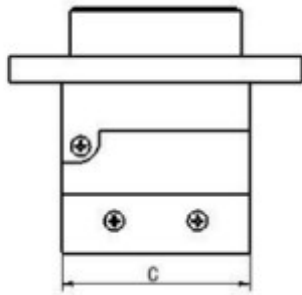
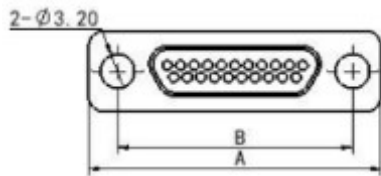
J30JR-9~37TK-A



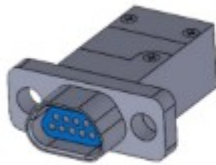
J30JR-51TK-A



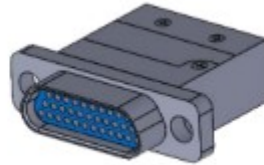
J30JR-74TK-A



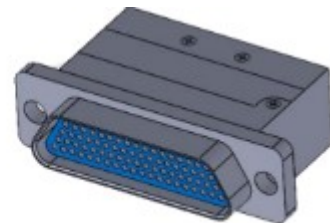
Plug type	A	B	C	D	E
J30JR-9TK-A	19.6	14.3	9.9	8	23
J30JR-15TK-A	23.5	18.2	13.8	8	23
J30JR-21TK-A	27.4	22	17.6	8	23
J30JR-25TK-A	29.8	24.5	20.2	8	23
J30JR-31TK-A	33.6	28.3	24	8	23
J30JR-37TK-A	37.4	32.2	27.8	8	23
J30JR-51TK-A	36.4	30.86	26.6	9	23
J30JR-74TK-A	38.8	33.5	29.1	11	25
J30JR-100TK-A	54.7	45.7	36.8	11	25



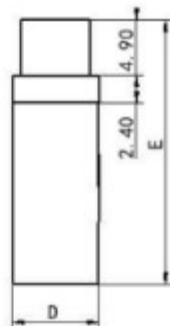
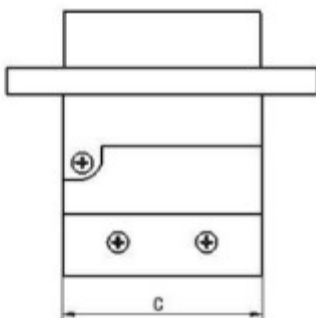
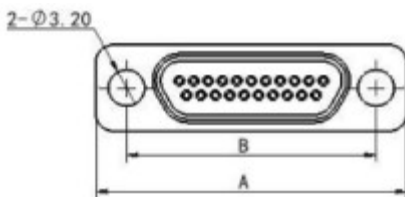
J30JR-9~37ZJ-A



J30JR-51ZJ-A



J30JR-74ZJ-A

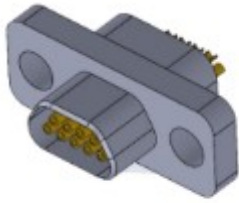


Receptacle type	A	B	C	D	E
J30J-9ZJ-A	19.6	14.3	9.9	8	23.5
J30J-15ZJ-A	23.5	18.2	13.8	8	23.5
J30J-21ZJ-A	27.4	22	17.6	8	23.5
J30J-25ZJ-A	29.8	24.5	20.2	8	23.5
J30J-31ZJ-A	33.6	28.3	24	8	23.5
J30J-37ZJ-A	37.4	32.2	27.8	8	23.5
J30J-51ZJ-A	36.4	30.86	26.6	9	23.5
J30J-74ZJ-A	38.8	33.5	29.1	11	25.5
J30J-100ZJ-A	54.7	45.7	36.8	11	25.5

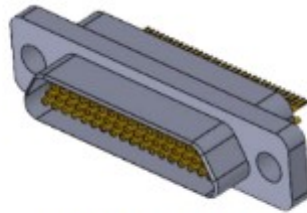
J30J series twisted pin micro rectangular electrical connector



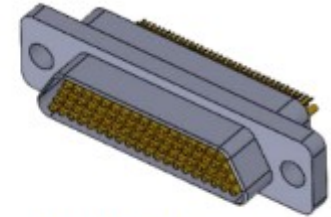
J30JR-S series products



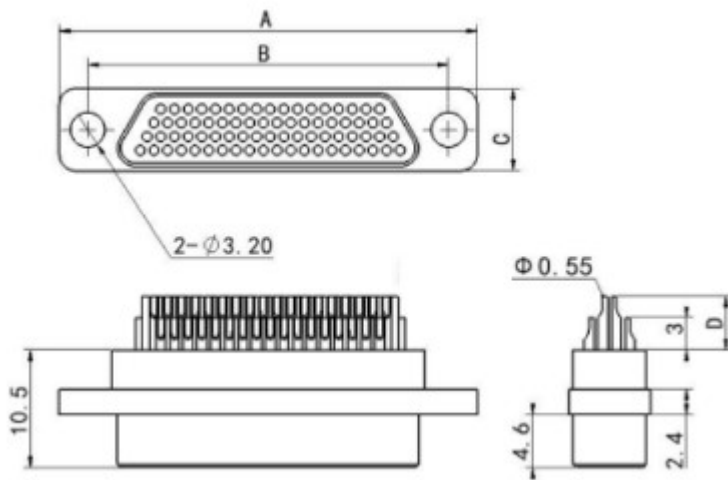
J30JR-9~37TKS



J30JR-51TKS



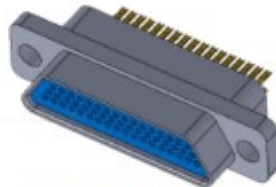
J30JR-74TKS



Plug type	A	B	C	D
J30JR-9TK-S	19.6	14.3	7.6	/
J30JR-15TK-S	23.5	18.2	7.6	/
J30JR-21TK-S	27.4	22	7.6	/
J30JR-25TK-S	29.8	24.5	7.6	/
J30JR-31TK-S	33.6	28.3	7.6	/
J30JR-37TK-S	37.4	32.2	7.6	/
J30JR-51TK-S	36.4	30.86	8.7	4.8
J30JR-74TK-S	38.8	33.5	9.7	4.8
J30JR-100TK-S	54.7	45.7	9.7	4.8



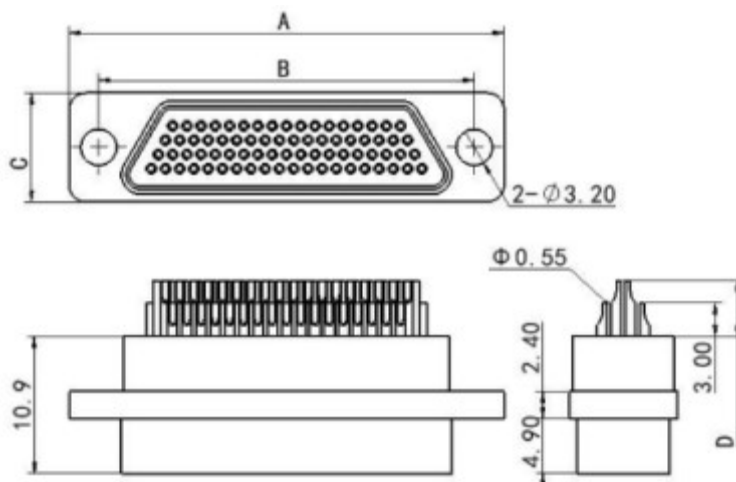
J30JR-9~37ZJS



J30JR-51ZJS



J30JR-74ZJS



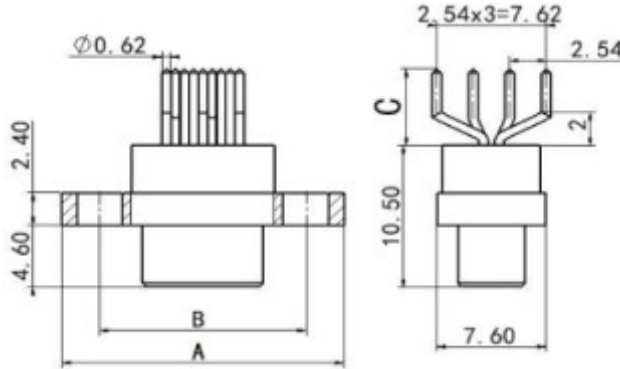
Receptacle type	A	B	C	D
J30JR-9ZJ-S	19.6	14.3	7.6	/
J30JR-15ZJ-S	23.5	18.2	7.6	/
J30JR-21ZJ-S	27.4	22	7.6	/
J30JR-25ZJ-S	29.8	24.5	7.6	/
J30JR-31ZJ-S	33.6	28.3	7.6	/
J30JR-37ZJ-S	37.4	32.2	7.6	/
J30JR-51ZJ-S	36.4	30.86	8.7	5.3
J30JR-74ZJ-S	38.8	33.5	9.7	5.3
J30JR-100ZJ-S	54.7	45.7	9.7	5.3



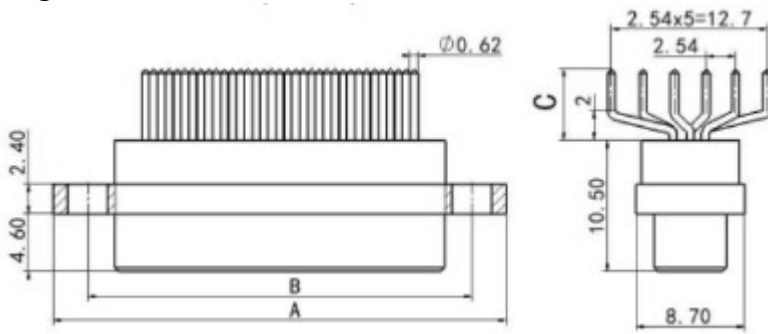
J30J series twisted pin micro rectangular electrical connector

J30JR-N series products

Plug: J30J-9, 15, 21, 25, 31, 37TKN

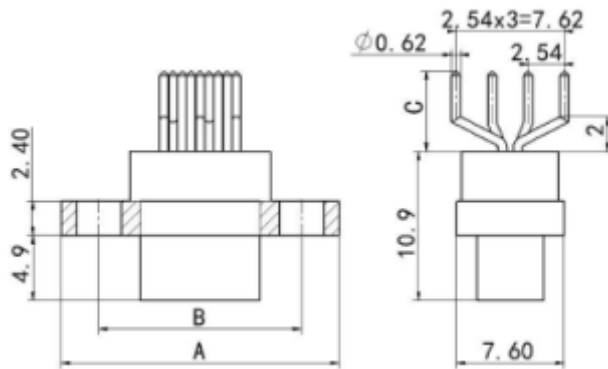


Plug: J30J-51TKN

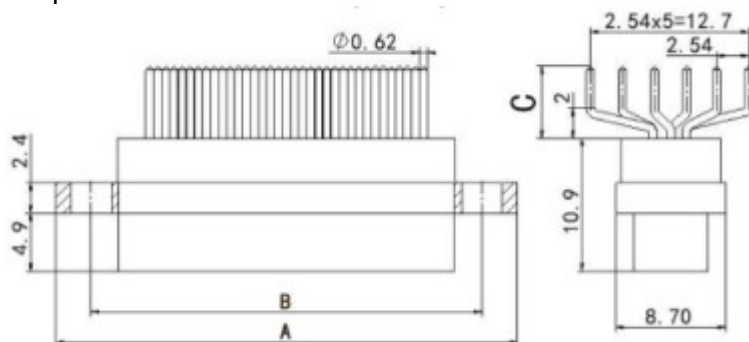


Plug type	A	B
J30JR-9TKN	19.68	14.3
J30JR-15TKN	23.5	18.2
J30JR-21TKN	27.4	22
J30JR-25TKN	29.8	24.5
J30JR-31TKN	33.6	28.3
J30JR-37TKN	37.4	32.2
J30JR-51TKN	36.4	30.86
Plug Model	C	Thickness mm
J30JR-TKN	5.7	2 ~ 3.2
J30JR-TKN12	7	3.5 ~ 4.5

Receptacle: J30JR-9, 15, 21, 25, 31, 37ZJN



Receptacle: J30JR-51ZJN

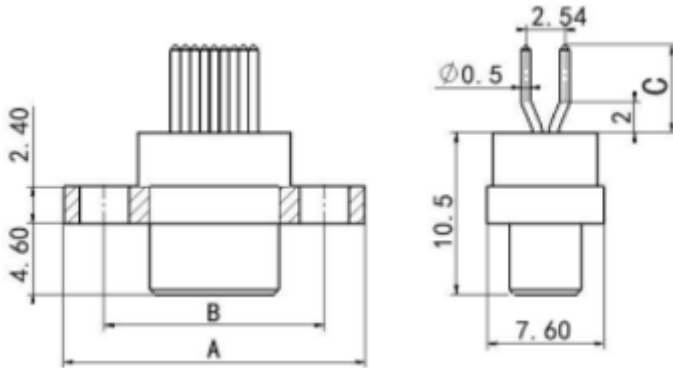


Receptacle type	A	B
J30JR-9ZJN	19.68	14.3
J30JR-15ZJN	23.5	18.2
J30JR-21ZJN	27.4	22
J30JR-25ZJN	29.8	24.5
J30JR-31ZJN	33.6	28.3
J30JR-37ZJN	37.4	32.2
J30JR-51ZJN	36.4	30.86
Receptacle Model	C	Thickness mm
J30JR-ZJN	5.7	2 ~ 3.2
J30JR-ZJN12	7.3	3.5 ~ 4.5

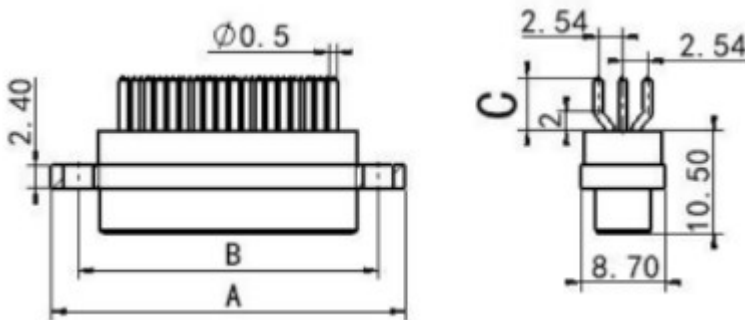
J30J series twisted pin micro rectangular electrical connector

J30JR-N-J series products

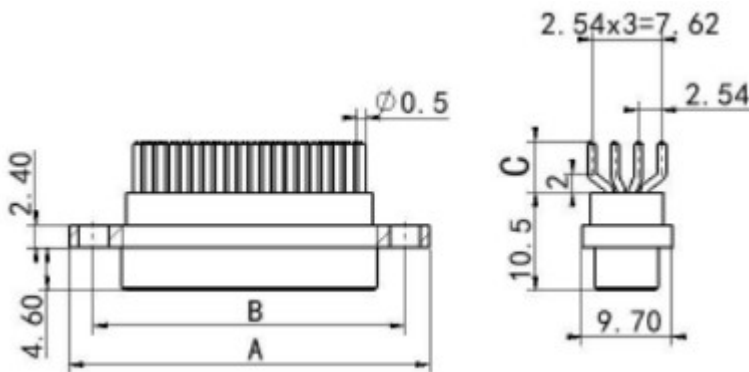
Plug: J30J-9, 15, 21, 25, 31, 37TKN-J-J



Plug: J30J-51TKN-J



Plug: J30J-74, 100TKN-J

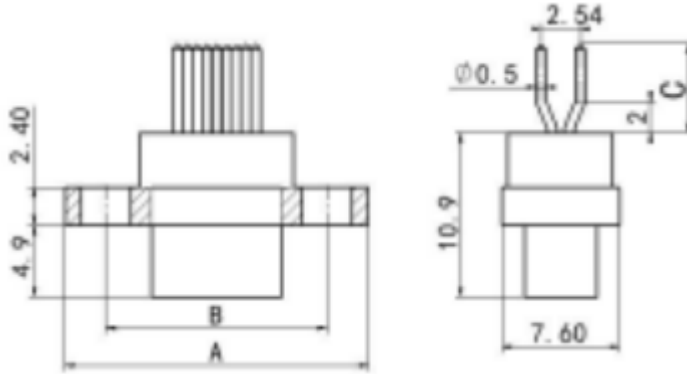


Plug type	A	B
J30JR-9TKN-J	19.68	14.3
J30JR-15TKN-J	23.5	18.2
J30JR-21TKN-J	27.4	22
J30JR-25TKN-J	29.8	24.5
J30JR-31TKN-J	33.6	28.3
J30JR-37TKN-J	37.4	32.2
J30JR-51TKN-J	36.4	30.86
J30JR-74TKN-J	38.8	33.5
J30JR-100TKN-J	54.7	47.5
Plug Model	C	Thickness mm
J30JR-TKN-J	5.7	2 ~ 3.2
J30JR-TKN12-J	7	3.5 ~ 4.5

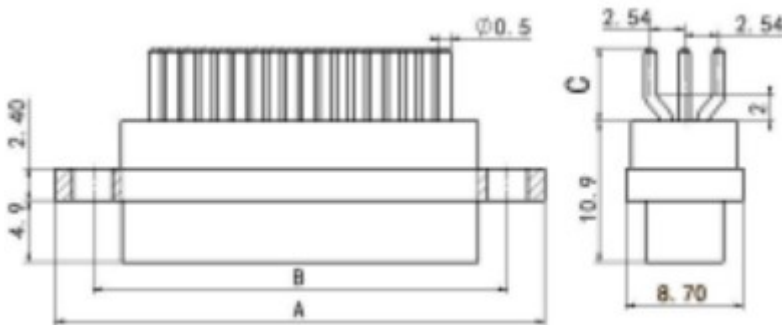


J30J series twisted pin micro rectangular electrical connector

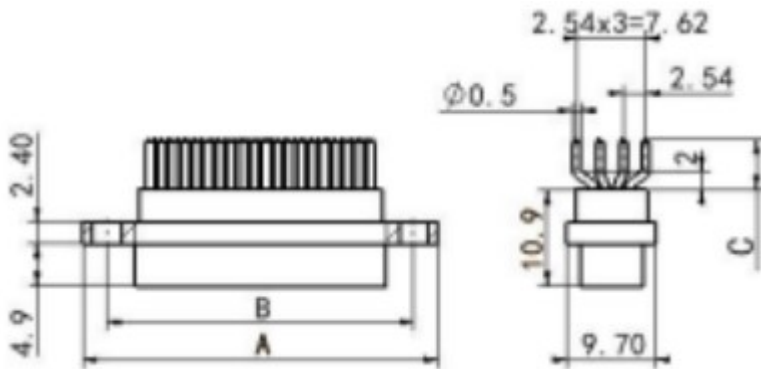
Receptacle: J30JR-9, 15, 21, 25, 31, 37ZJN-J



Receptacle: J30JR-51ZJN-J



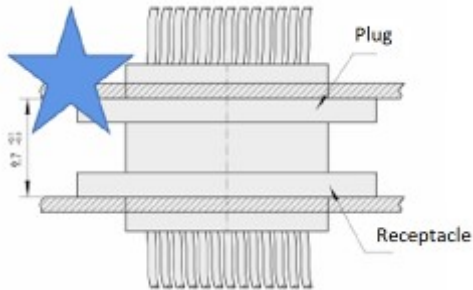
Receptacle: J30JR-74, 100ZJN-J



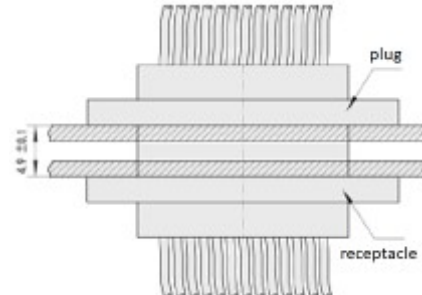
Receptacle type	A	B
J30JR-9ZJN-J	19.68	14.3
J30JR-15ZJN-J	23.5	18.2
J30JR-21ZJN-J	27.4	22
J30JR-25ZJN-J	29.8	24.5
J30JR-31ZJN-J	33.6	28.3
J30JR-37ZJN-J	37.4	32.2
J30JR-51ZJN-J	36.4	30.86
J30JR-74ZJN-J	38.8	33.5
J30JR-100ZJN-J	54.7	47.5
Receptacle Model	C	Thickness mm
J30JR-ZJN-J	5.7	2 ~ 3.2
J30JR-ZJN12-J	7.3	3.5 ~ 4.5

J30J series twisted pin micro rectangular electrical connector

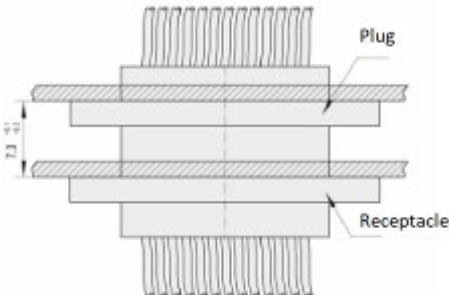
When J30J basic type/J30JE/J30JR products are installed in different ways, the distance between the connector housing and the panel positioning surface is shown in the following figure



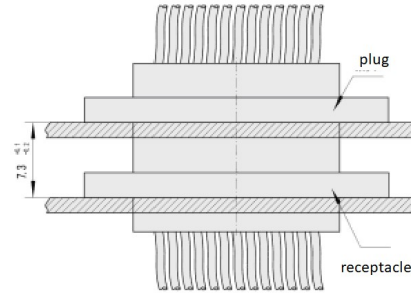
Schematic diagram of plug board front installation and receptacle board front installation



Schematic diagram of plug board rear installation and receptacle board rear installation

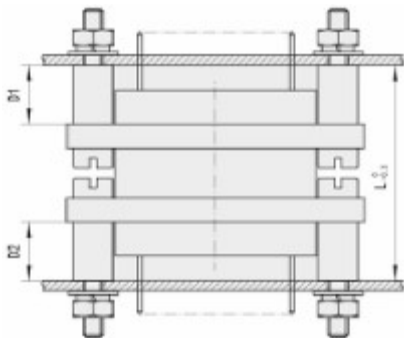


Schematic diagram of plug board front installation and receptacle board front installation



Schematic diagram of plug board rear installation and receptacle board rear installation

When J30J basic type/J30E/J30JR direct printed board products are used between two parallel boards, the suitable panel distance is shown in the following figure:



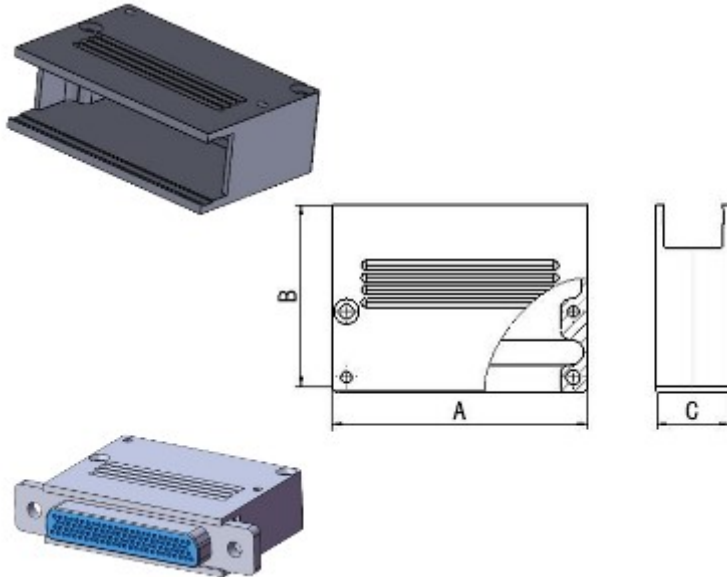
Support Sleeve Height D1	Support Sleeve Height D2	Plate Spacing
4.1	4.1	17.95
4.1	5.9	19.75
4.1	8.4	22.25
5.9	4.1	19.75
5.9	5.9	21.55
5.9	8.4	24.05
8.4	4.1	22.25
8.4	5.9	24.05
8.4	8.4	26.55
4.1	4.1	17.95



J30J series twisted pin micro rectangular electrical connector

J30J series rubber sealing products

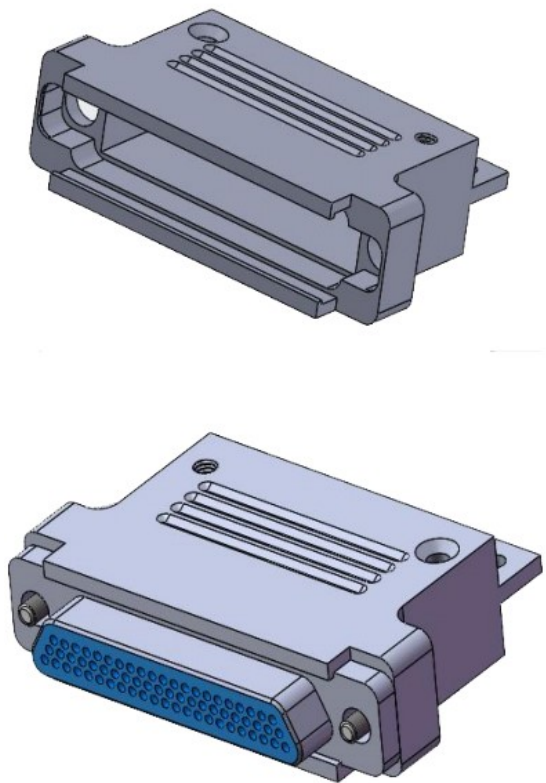
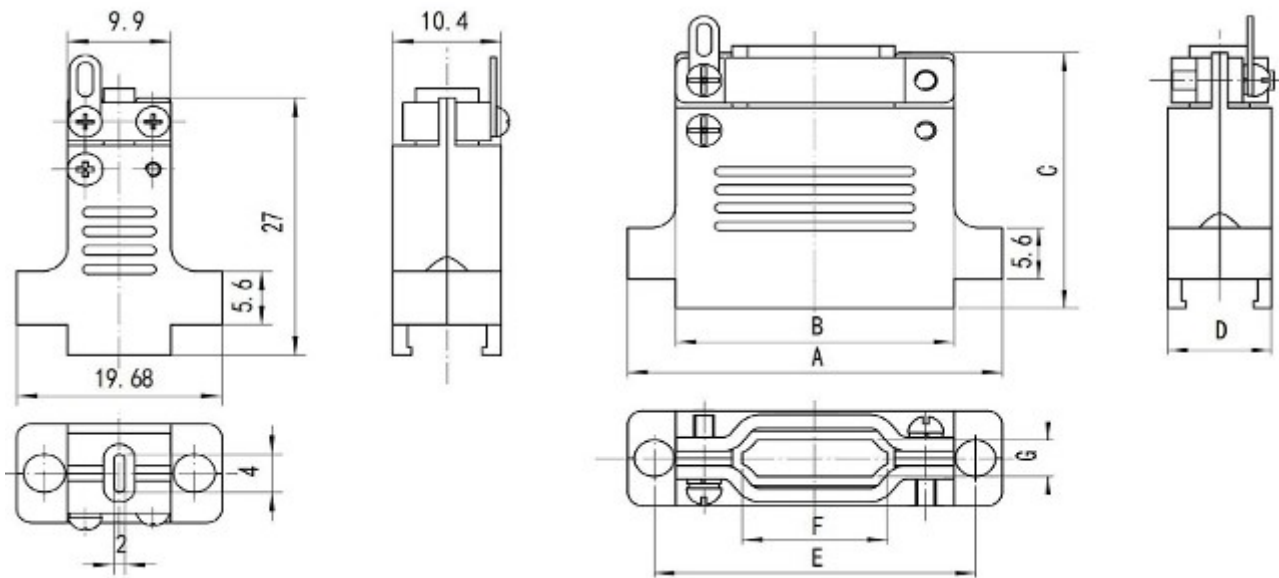
J30J-A1 type wire clamping accessories can be used together with different J30J wire pressing and solder series products (J30J TJ/ZK or J30J TJS/ZKS).



Model	A	B	C
J30J-9A1	9.9	23.6	10.4
J30J-15A1	13.8	23.6	10.4
J30J-21A1	17.6	23.6	10.4
J30J-25A1	20.2	23.6	10.4
J30J-31A1	24	23.6	10.4
J30J-37A1	27.8	23.6	10.4
J30J-51A1	26.6	26.6	11.2
J30J-66A1	33	26.6	11.2
J30J-74A1	29.1	30	12
J30J-100A1	40.7	30	12
J30J-144A1	53.6	30	12

J30J series twisted pin micro rectangular electrical connector

J30J-A3 type wire clamping accessories can only be used with J30J ordinary wire pressing and welding products (J30J-TJ/ZK or J30J-TJS/ZKS) and can only be used with the free end locking assembly type



Model	A	B	C	D	E	F	G
J30J-9A3	19.68	9.9	27	10.4	14.3	2	4
J30J-15A3	23.5	13.8	27	10.4	18.2	5.2	4
J30J-21A3	27.4	17.6	28	10.4	22	6	4
J30J-25A3	29.8	20.2	28	10.4	24.5	8.5	4
J30J-31A3	33.6	24	28	10.4	28.3	10.4	4
J30J-37A3	37.4	27.8	28	10.4	32.2	14.2	4
J30J-51A3	36.4	26.6	30	11.2	30.86	13.2	4.8
J30J-66A3	42.9	33	30	11.2	37.3	16	4.8
J30J-74A3	38.8	29.1	30	12	33.5	15.5	5.6



J30J series twisted pin micro rectangular electrical connector

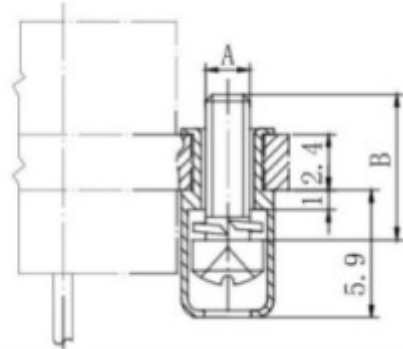
J30J Series Locking Assembly

The free end locking assembly is only intended to be combined with the J30J product to form a free end connector. The docking locking end is usually a fixed end locking assembly.

L, L1, L8 type locking assembly
Assembly diagram



Product Outline Dimensions

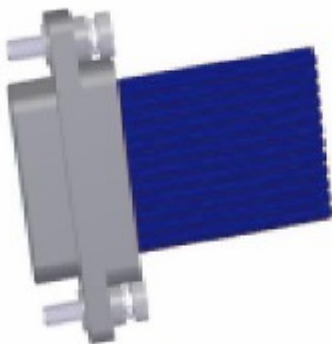


J30J Free end Locking Assembly	A	B	Optional J30J Fixed end Locking Assembly
L-Type	M2-6h	7.1	P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46
L1-Type	M2-6h	11.5	Specially designed for locking with J30J-ZK-Q4 products
L8-Type	#2-56UNC-2A	7.1	P1

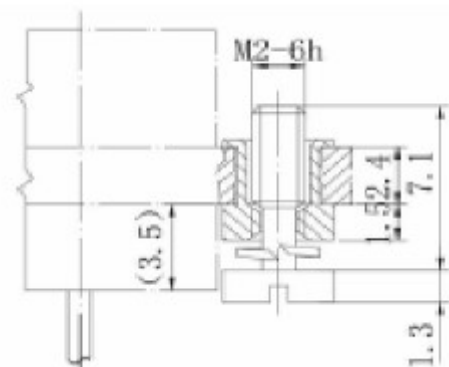
L7 type locking assembly

L7 type locking assembly is installed on J30J-TJ/ κ In K basic type products, and after tightening, the screw end does not exceed the housing end face.

Assembly diagram



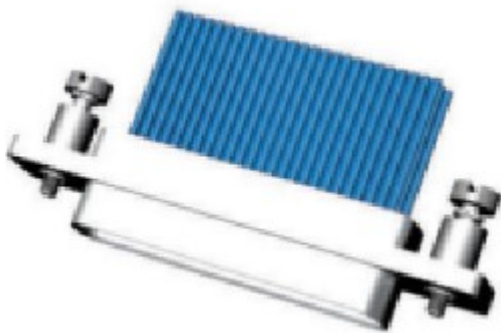
Product Outline Dimensions



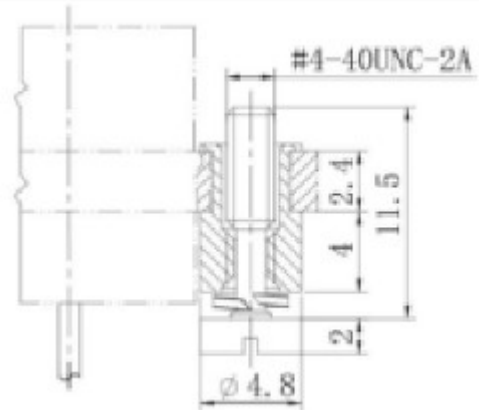
J30J Free end Locking Assembly	Optional J30J Fixed end Locking Assembly
L7-Type	P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P1, P14, P15, P17, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46

J30J series twisted pin micro rectangular electrical connector

L3 type locking assembly
Assembly diagram

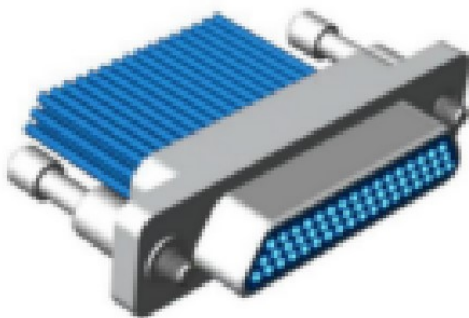


Product Outline Dimensions

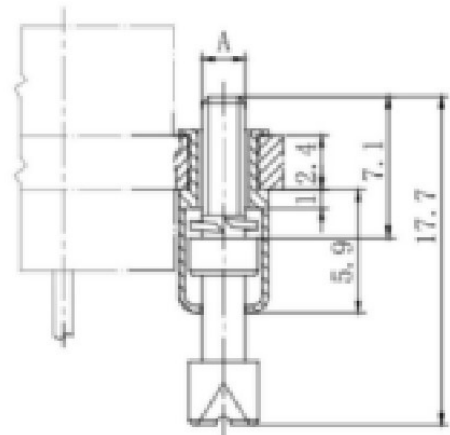


J30J Free end Locking Assembly	Optional J30J Fixed end Locking Assembly
L3-Type	It can only be used for J30J-100TJ-K/ZK-K housing flanges with a mounting hole diameter of 3.7. It can be used with P12, P16, and P34 locking assemblies.

K, K1 type locking assembly
Assembly diagram



Product Outline Dimensions

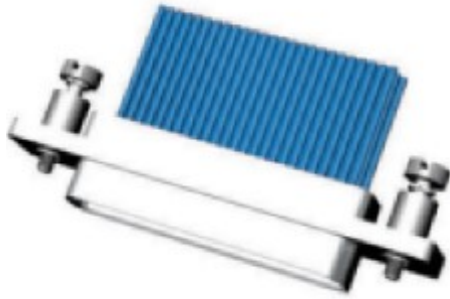


J30J Free end Locking Assembly	A	Available J30J Fixed end Locking Assembly
K-Type	M2-6h	P, P0, P2, P3, P4, P5, P7, P8, P9, P10, P11, P14, P15, P17, P22, P23, P25, P27, P29, P30, P32, P35, P36, P37, P40, P41
K1-Type	#2-56UNC-2A	P1

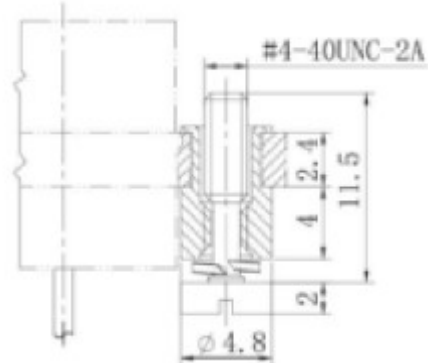


J30J series twisted pin micro rectangular electrical connector

L9 type locking assembly
Assembly diagram



Product Outline Dimensions



J30J Free end Locking Assembly	Applicable Conditions and Available J30J Fixed end Locking Assemblies
L9-Type	Can only be used for J30JD type products, and for ease of use, it is recommended to use it on products that are off the line. P, P0, P2, P3, P4, 5, 7, P8, 19, P10, P11, P14, P15, P17, 123, P25, P127, P29, P30, P32, P35, P36, P37, P40, P41, P42, P43, P45, P46 locking assembly matching

J30J Series P-type Locking Assembly

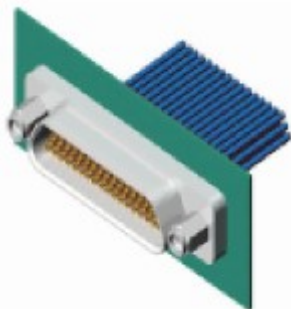
The fixed end locking assembly is suitable for fixing the connector to the mounting board or printed board. Most fixed end locking components can be docked and locked with the free end locking component;

A few fixed end locking components are only suitable for use where they are not locked with the free end locking component (such as P44 type).

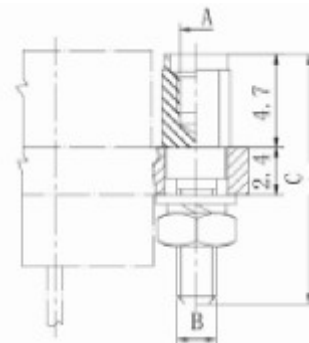
P, P1, P8, and P9 locking assemblies

P, P1, P8, and P9 locking assemblies are only suitable for front panel installation.

Assembly diagram



Product Outline Dimensions



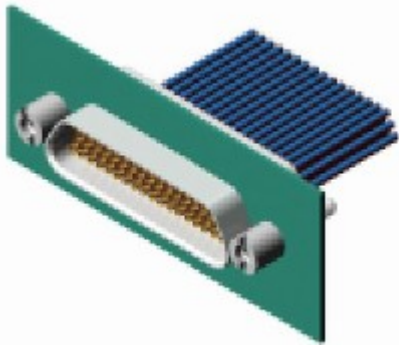
J30J Fixed end Locking Assembly	A	B	C	J30J Free end Locking Assembly
P-Type	M2-6H1	M2-6h	12.6	L, L7, 19, K-Type
P1-Type	#2-56UNC-2B	#2-56UNC-2A	12.6	L8, K1-Type
P8-Type	M2-6H	M2-6h	15.6	L, L7, L9, K-Type
P9-Type	M2-6H	M2-6h	21.6	L, L7, L9, K-Type

J30J series twisted pin micro rectangular electrical connector

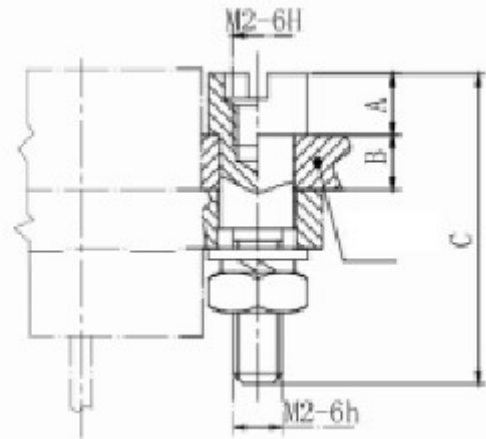
P0, P3, P, P11, P45 locking assemblies

P0, P3, P4, P11, and P45 locking assemblies are only suitable for rear plate installation.

Assembly diagram

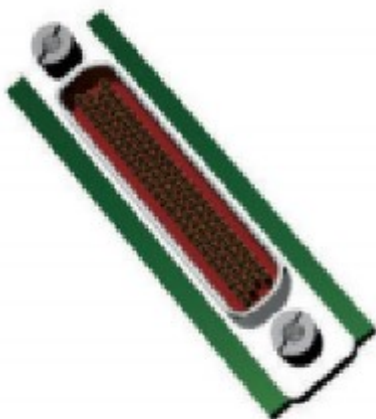


Product Outline Dimensions

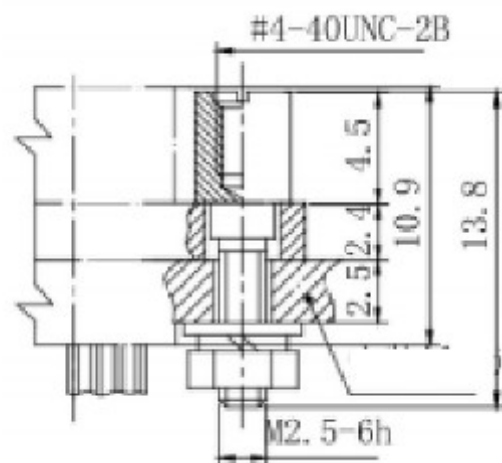


J30J Fixed end Locking Assembly	A	B	C	J30J Free end Locking Assembly
P0-Type	4.1	0.6	12.6	L, L7, L9, K-Type
P3-Type	3.3	1.4	12.6	L, L7, L9, K-Type
P4-Type	2.5	2.2	12.6	L, L7, L9, K-Type
P11-Type	1.3	3.4	12.6	L, L7, L9, K-Type
P45-Type	2.7	2	20	L, L7, L9, K-Type

P31 type locking assembly
Assembly diagram



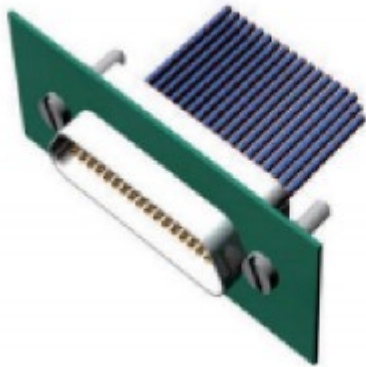
Product Outline Dimensions



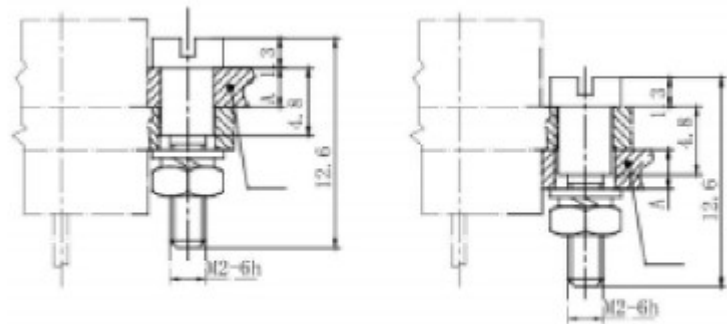
J30J Free end Locking Assembly	Applicable Conditions and Available J30J Fixed end Locking Assemblies
P31-Type	It can only be used in products with a mounting hole diameter of 3.7 mm in the J30J-100TJ-K/ZK-K housing flange, and can be used with L2 and L3 locking components.

The P44 locking assembly is suitable for installation in front of or behind the plate that is not locked with the free end locking assembly, and the maximum allowable thickness of the mounting plate needs to be determined based on the product's usage, as shown in the following table

Assembly diagram



Product Outline Dimensions



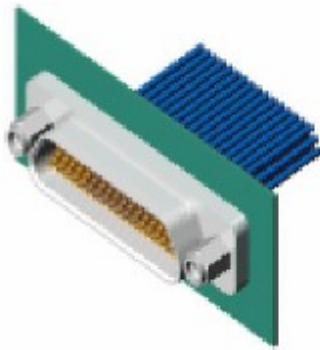
Usage Of Connectors	Range Of Mounting Plate Large Thickness Dimension, A
When the connector board is installed behind and the insertion end of the connector is not equipped with a fixed end locking assembly.	3.4 max
Plate front installation.	2.5 ~ 3.5
When the connector board is installed behind and the connector's insertion end also has a fixed end locking assembly.	A = 4.9 - 1.3 (Distance from screw face of insertion end to flange face)

J30J series twisted pin micro rectangular electrical connector

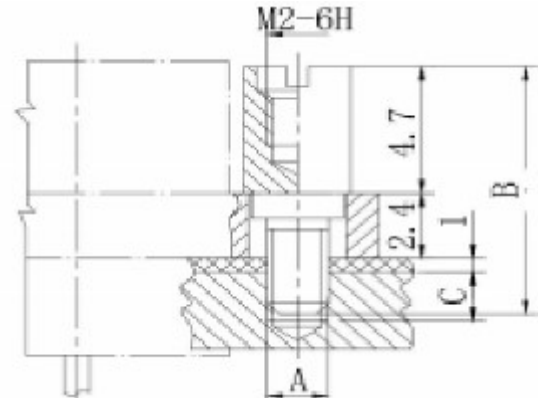
J30J locking assembly \ J30J fixed end locking assembly \ J30JM sealed product

The fixed end mounting screws used for J30JM sealed products mainly include P29, P36, P37, and P43, and are only suitable for front panel installation. P29, P36, P37, and P43 locking assemblies

Assembly diagram



Product Outline Dimensions



J30J Fixed end Locking Assembly	A	B	C	J30J Free end Locking Assembly
P29-Type	M3-6h	10.5	3.3 min	L, L7, L9, K-Type
P36-Type	M3-6h	14.7	7 min	L, L7, L9, K-Type
P37-Type	M2-6h	10	2.8 min	L, L7, L9, K-Type
P43-Type	M3-6h	11.7	4 min	L, L7, L9, K-Type
P29-Type	M3-6h	10.5	3.3 min	L, L7, L9, K-Type



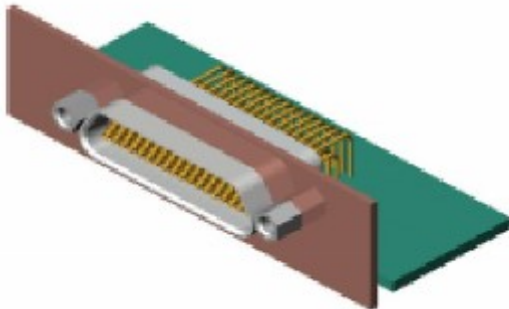
J30J series twisted pin micro rectangular electrical connector

J30J locking assembly\J30J fixed end locking assembly\locking assembly for bent insert printed boards

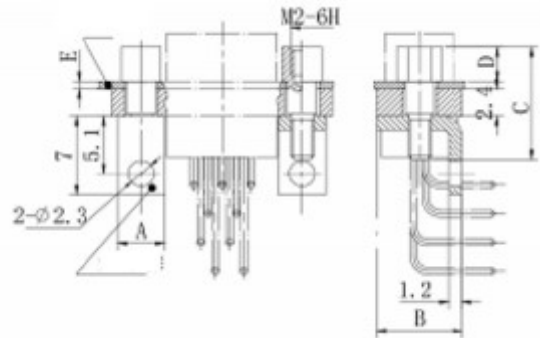
The locking components used for bent insert printed board products mainly include P2, P14, P7, P42, P15, P35, and VI type locking components.

P2 and P14 locking assemblies are suitable for 90° bend insertion printed board products installed behind the board.

Assembly diagram



Product Outline Dimensions



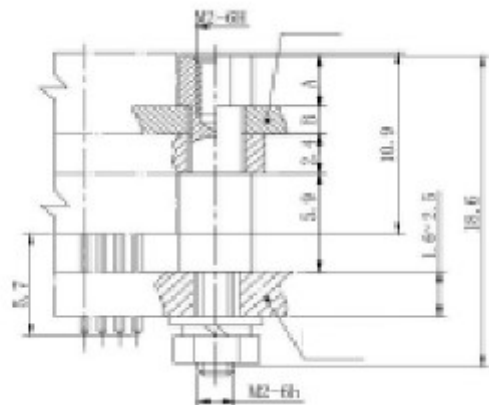
P2, P14 Number of Applicable	A	B	C		D		E		J30J Free end Locking Assembly
			P2	P14	P2	P14	P2	P14	
9 ~ 37	4.2	7.6	11.6	10.7	3.7	1.7	1	3	L, L7, L9, K-Type
51	4.2	8.7	11.6	10.7	3.7	1.7	1	3	L, L7, L9, K-Type
74	4.2	9.7	11.6	10.7	3.7	1.7	1	3	L, L7, L9, K-Type
100	8.8	9.7	11.6	10.7	3.7	1.7	1	3	L, L7, L9, K-Type

P32 and P41 locking assemblies are suitable for in-line printed board products installed behind the board, with a printed board thickness of 1.6 to 2.5.

Assembly diagram



Product Outline Dimensions

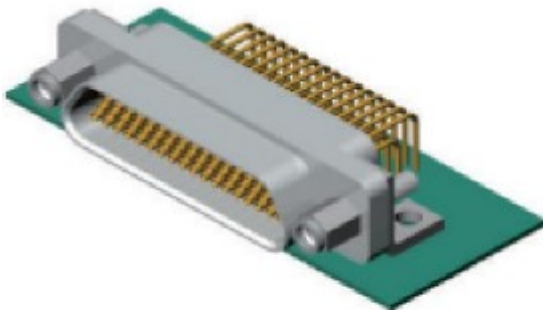


J30J fixed end compact assembly	A	B	Optional J30J free end locking assembly
P32 type	2.7	2	L, L7, L9, K type
P41 type	3.2	1.5	L, L7, 19, K type

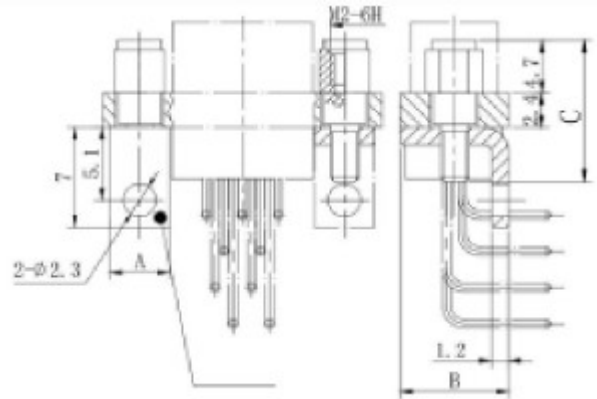
J30J series twisted pin micro rectangular electrical connector

P7 and P42 locking assemblies are only suitable for front mounting of 90° bend inserted printed boards.

Assembly diagram



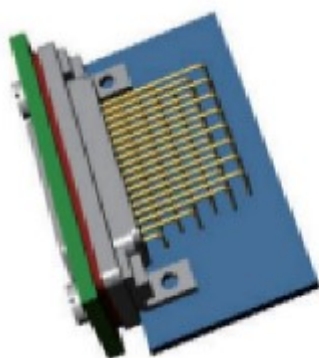
Product Outline Dimensions



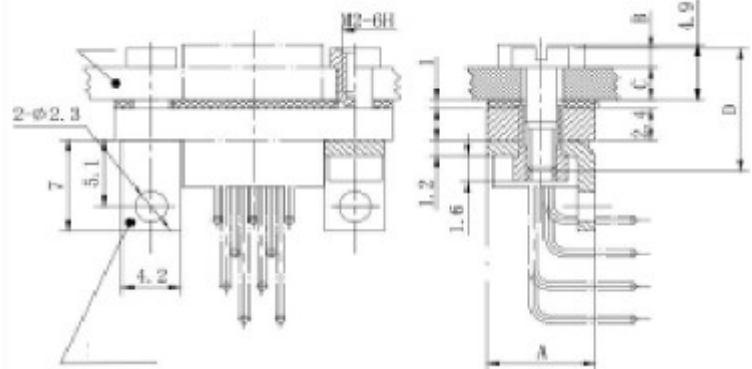
The fixed end locking components of P7 and P42 are applicable to the number of contacts of the product	A	B	C		Optional J30J free end locking assembly
			P7	P42	
9 ~ 37	4.2	7.6	10.7	9.7	L, L7, L9, K type
51	4.2	8.7	10.7	9.7	
74	4.2	9.7	10.7	9.7	
144	8.8	9.7	10.7	9.7	

The P15 and P35 locking assemblies are suitable for J30J-TJW-Q8/ZKW-Q8 bent insert printed board products and are installed behind the board.

Assembly diagram



Product Outline Dimensions



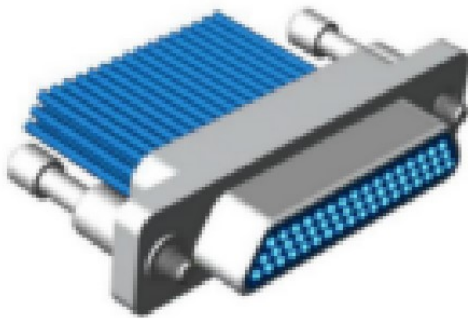
P 15, P 35 fixed end locking components are applicable to the number of contacts of the product	A	B		C		D		Optional J30J free end locking assembly
		P 15	P 35	P 15	P 35	P 15	P 35	
9 ~ 37	7.6	1.9	2.4	2.5	1.8	9.7	9.5	L, L7, L9, K type
51	8.7	1.9	2.4	2.5	1.8	9.7	9.5	



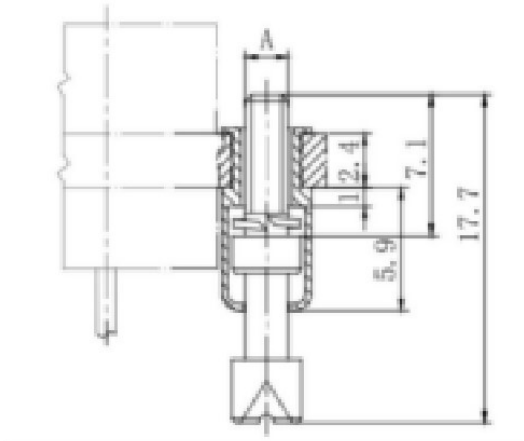
J30J series twisted pin micro rectangular electrical connector

The V1 locking assembly is only applicable to products that are bent into printed boards and do not require locking between plugs and receptacles.

V1 type locking assembly
Assembly diagram



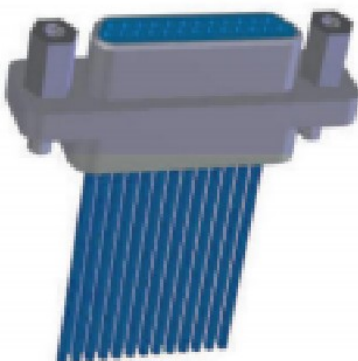
Product Outline Dimensions



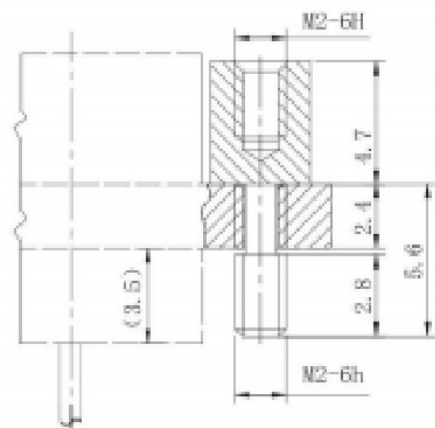
The number of contacts applicable to the product	A	B
9 ~ 37	4.2	7.6
51	4.2	8.7
74	4.2	9.7
100, 144	8.8	9.7

P46 locking assembly. The fixed end mounting screws used for J30JD products mainly include P46 and are only suitable for front panel installation.

Assembly diagram



Product Outline Dimensions

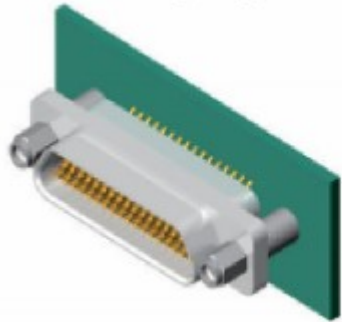


J30J Free end Locking Assembly	Applicable Conditions and Available J30J Fixed end Locking Assemblies
Type P 46	Only available on model J30JD products. Can be used with L, L7, L9, K type locking components

J30J series twisted pin micro rectangular electrical connector

P5, P10, P23, and P25 locking assemblies are only suitable for front mounting of in-line printed boards with a printed board thickness of 1.6 to 2.5.

Assembly diagram



Product Outline Dimensions

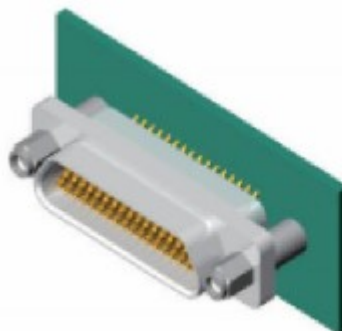


J30J Fixed end locking assembly	A	B	C	Applicable PCB thickness range	J30J free end locking assembly
P5 type	5.7	5.9	18.6	1.6 ~ 2.5	L, L7, 19, K type
P10 type	8	8.4	20.5	1.6 ~ 2.5	
P25 type	5.7	5.9	20.5	1.6 ~ 2.5	
	8	5.9	20.5	1.6 ~ 4.8	
P23 type	5.7	5.9	17.8	1.6	

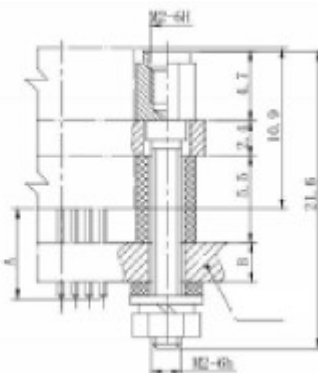
Note: The P10 locking assembly can only be used with J30J-9-37N8 products, and cannot be used in J30J-TJN/ZKN, J30J-TN-J/ZKN-J products with pin size A of 5.7.

P17 locking assemblies

Assembly diagram



Product Outline Dimensions

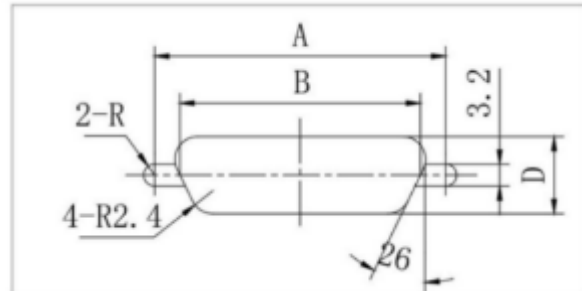
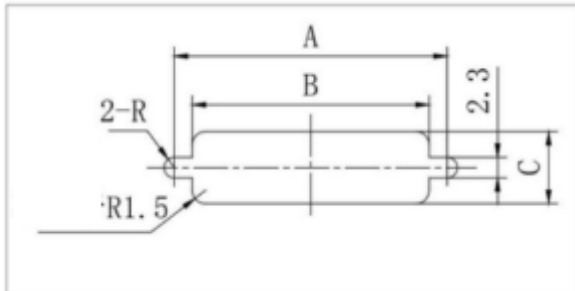


J30J Fixed end locking assembly	A	Applicable PCB thickness range B	Optional J30J free end locking assembly	Applicable product
P17 type	5.7	1.6 ~ 3	L, L7, L9, K type	J30J-9 ~ 51TJN/ZKN, J30J-9 ~ 100TJN/ZKN-J
	7.2	1.6 ~ 4.5		J30J-9 ~ 51TJN4/ZKN4, J30J-9 ~ 100ZKN4-J

Mounting hole size of J30J series micro rectangular electrical connector

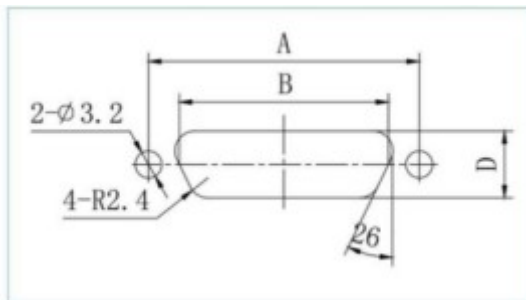
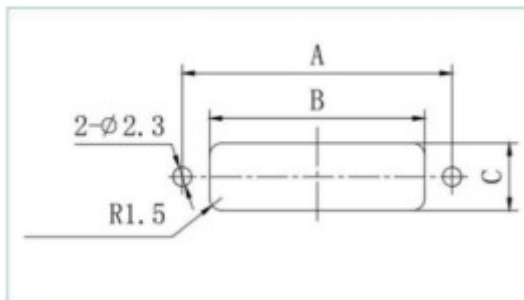
J30J-TJ/ZK; J30J-TJ/ZK(0.07); J30J-TJ/ZK-D; J30JC-TJ/ZK; J30J-TJ/ZK-G; J30J-TJ/ZK(9.6); J30JM-ZK; J30JM-ZKS; J30J-TJ/ZK(11.6); J30JM1-ZKS

Installation hole size



Number of contacts	A	B	C	D	Number of contacts	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
144	58.6	51	9.3	8.6					

Installation hole size



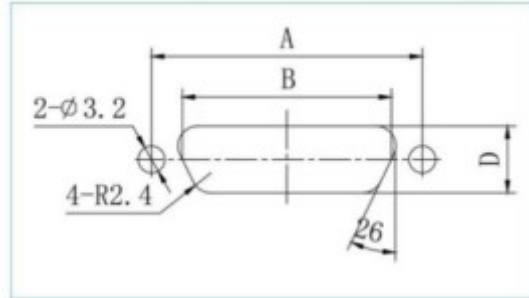
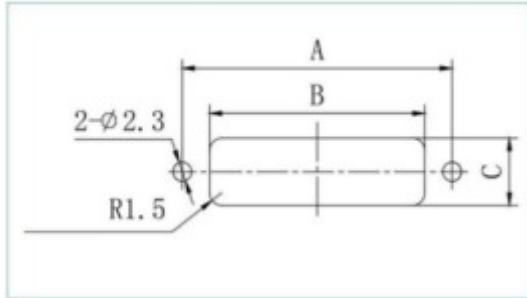
Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	21	10.2	7	6.3	37	38.9	28.1	7	6.3
15	24.9	14.1	7	6.3	51	37.6	26.9	8.1	7.4
21	28.7	17.9	7	6.3	66	44	33.4	8.1	7.4
25	31.2	20.5	7	6.3	74	40.2	29.4	9.3	8.6
31	35	24.3	7	6.3	100	52.4	37	9.3	8.6
144	58.6	51	9.3	8.6					

Note: Since J30M-ZK, J30 JM-ZKS, and J30M1-ZK are all sealed products, although the mounting plate openings can be installed as shown above, they may lose sealing due to the fact that the mounting plate is a through-hole plate. Therefore, when installing these products in front of the plate, the mounting plate openings should be in the form of blind threaded holes.

J30J series twisted pin micro rectangular electrical connector

J30J-TJ/ZK-Q8

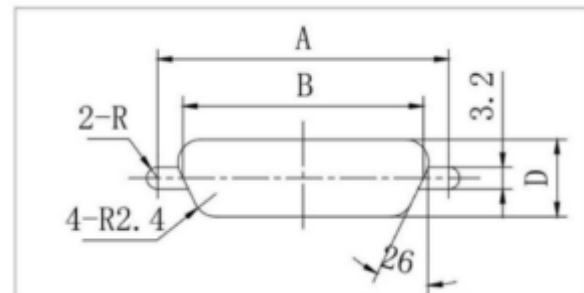
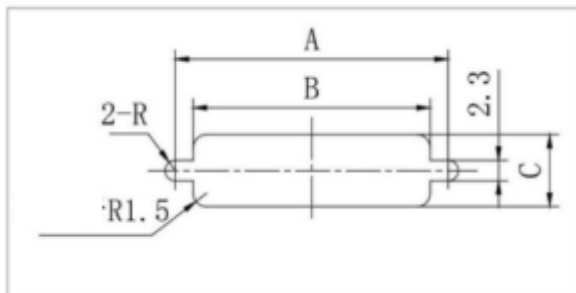
Installation hole size



Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	16.1	12	7	6.3	31	30.1	26.1	7	6.3
15	20	15.9	7	6.3	37	34	29.9	7	6.3
21	23.8	19.7	7	6.3	51	32.6	28.7	8.1	7.4
25	26.3	22.3	7	6.3	144	58.6	51	9.3	8.6

J30J-TJ/ZK-A, J30J-TJ/ZK-AD, J30J-TJ/ZK-GA,
 J30J-TJ/ZK-A (9.6), J30J-TJ/ZK-GA (11.6), J30J-TJ/ZK-AD (11.6)

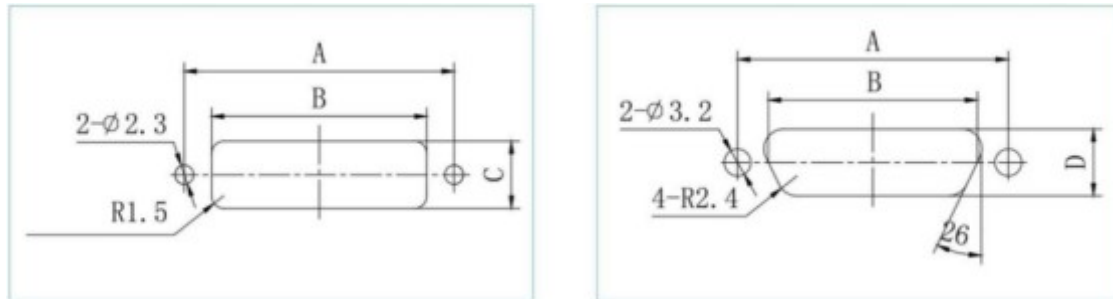
Installation hole size



Number of contacts	A	B	C	D	Number of contacts	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
144	58.6	51	9.3	8.6					

J30J-TJ/ZK-AQ8

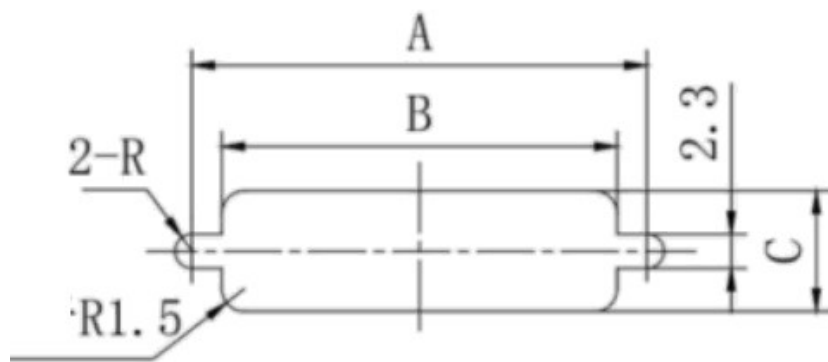
Installation hole size



Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	16.1	12	7	6.3	31	30.1	26.1	7	6.3
15	20	15.9	7	6.3	37	34	29.9	7	6.3
21	23.8	19.7	7	6.3	51	32.6	28.7	8.1	7.4
25	26.3	22.3	7	6.3					

J30JA-ZK

Installation hole size



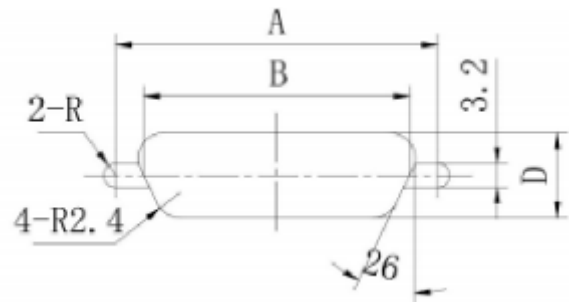
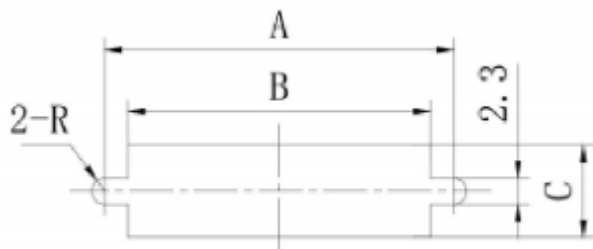
Number of contacts	A	B	C	Number of contacts	A	B	C
9	18.6	10.2	7	37	36.6	28.1	7
15	22.6	14.1	7	51	35.3	26.9	8.1
21	26.3	17.9	7	74	37.8	29.4	9.3
25	28.9	20.5	7	100	45.3	37	9.3
31	32.7	24.3	7	144	58.6	51	9.3

J30J series twisted pin micro rectangular electrical connector



J30J-TJ/ZK-C

Installation hole size

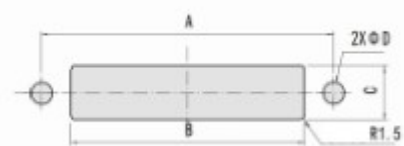
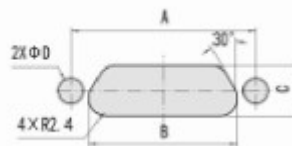


Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	14.3	10.2	8.2	6.3	37	32.2	28.1	8.2	6.3
15	18.2	14.1	8.2	6.3	51	30.86	26.9	9.2	7.4
21	22	17.9	8.2	6.3	66	37.3	33.4	9.2	7.4
25	24.5	20.5	8.2	6.3	74	33.5	29.4	11.2	8.6
31	28.3	24.3	8.2	6.3	100	45.7	37	11.2	8.6
144	58.6	51	9.3	8.6					

J30J series recommended panel installation opening size

J30J-9 ~ 74

J30J-100, 144



Front of board

Back of board

J30J-TJ/ZK, J30J-TJ/ZK-D, J30JE-TJS/ZKS, J30J-TJ/ZK

J30J-TJ/ZK, J30JE-TJ/ZKS, J30JS-TJ/ZK, J30J-TJ/ZK-A, J30J-TJ/ZK-D, J30J-TJ/ZK-AD

Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	14.3	10.2	7	2.3	9	14.3	10.2	6.3	3.2
15	18.2	14.1	7	2.3	15	18.2	14.1	6.3	3.2
21	22	17.9	7	2.3	21	22	17.9	6.3	3.2
25	24.5	20.5	7	2.3	25	24.5	20.5	6.3	3.2
31	28.3	24.3	7	2.3	31	28.3	24.3	6.3	3.2
37	32.2	28.1	7	2.3	37	32.2	28.1	6.3	3.2
51	30.8	26.9	8.1	2.3	51	30.86	26.9	7.4	3.2
66	37.3	33.4	8.1	2.3	66	37.3	33.4	7.4	3.2
74	33.5	29.4	9.3	2.3	74	33.5	29.4	8.6	3.2
100	45.7	37	9.3	2.3	100	45.7	37	8.6	3.2
144	58.6	51	9.3	2.8	144	58.6	51	9	3.5



J30J series twisted pin micro rectangular electrical connector

Front of board

J30J-TJ/ZK-A、J30J-TJ/ZK-AD

The opening size of the plate installation not greater than shall be processed at R1.5.

Back of board

J30J-TJ/ZK-Q

Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	14.3	10.2	7	2.3	9	21	10.2	6.3	3.2
15	18.2	14.1	7	2.3	15	24.9	14.1	6.3	3.2
21	22	17.9	7	2.3	21	28.7	17.9	6.3	3.2
25	24.5	20.5	7	2.3	25	31.2	20.5	6.3	3.2
31	28.3	24.3	7	2.3	31	35	24.3	6.3	3.2
37	32.2	28.1	7	2.3	37	38.9	28.1	6.3	3.2
51	30.8	26.9	8.1	2.3	51	37.6	26.9	7.4	3.2
66	37.3	33.4	8.1	2.3	66	44	33.4	7.4	3.2
74	33.5	29.4	9.3	2.3	74	40.2	29.4	8.6	3.2
100	45.7	37	9.3	2.3	100	52.4	37	8.6	3.2
144	58.6	51	9.3	2.8	144	58.6	51	8.6	3.5

Front of board

J30J-TJ/ZK-Q8

Back of board

J30J-TJ/ZK-Q8, J30J-TJ/ZK-AQ8

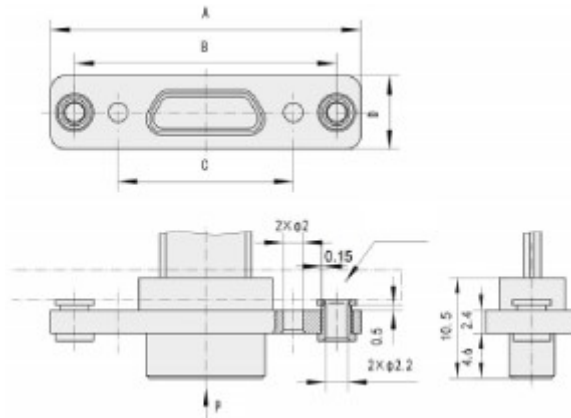
Number of contacts	A	B	C	D	Number of contacts	A	B	C	D
9	16.1	12	7	2.3	9	16.1	10.2	6.3	3.2
15	20	15.9	7	2.3	15	20	14.1	6.3	3.2
21	23.8	19.7	7	2.3	21	23.8	17.9	6.3	3.2
25	26.3	22.3	7	2.3	25	26.3	20.5	6.3	3.2
31	30.1	26.1	7	2.3	31	30.1	24.3	6.3	3.2
37	34	29.9	7	2.3	37	34	28.1	6.3	3.2
51	32.6	28.7	8.1	2.3	51	32.6	26.9	7.4	3.2
74	35.3	31.2	9.5	2.3	74	35.3	29.4	8.6	3.2
100	47.5	37.1	9.5	2.3	100	47.5	37	8.6	3.5

J30J series twisted pin micro rectangular electrical connector

J30J series recommended opening sizes for PCB installation

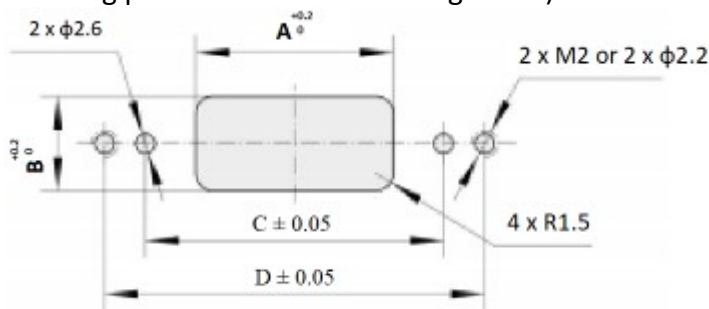
Floating mounting plug J30J-TJF-02 Series

Features: On the basis of the basic plug, the floating installation structure is added, and the guide hole is designed on the shell, which can be used with the matching conductive receptacle J30JD-xxZKV45, J30J-XXZKKNV49, J30J-xxZKV51, J30JD-xxZKKNV75 blind plug



Plug type	A	B	C	D
J30J-9TJF-02	28.7	23.4	14.35	7.57
J30J-15TJF-02	32.5	27.2	18.2	7.57
J30J-21TJF-02	36.3	31	21.97	7.57
J30J-25TJF-02	38.8	33.5	24.51	7.57
J30J-31TJF-02	42.6	37.3	28.32	7.57
J30J-37TJF-02	46.4	41.1	32.13	7.57
J30J-51TJF-02	45.3	40	30.86	8.66
J30J-74TJF-02	47.8	42.5	33.5	9.75
J30J-100TJF-02	60	54.7	45.7	9.75

30J-TJF-02 Series plug mounting hole size (recommended mounting panel thickness exceeding 3 mm)



Number of contacts	A	B	C	D
9	10.4	7.3	14.35	23.4
15	14.3	7.3	18.2	27.2
21	18.1	7.3	21.97	31
25	20.5	7.3	24.51	33.5
31	24.5	7.3	28.32	37.3
37	28.3	7.3	32.13	41.1
51	26.9	8.4	30.86	40
74	29.5	9.7	33.5	42.5
100	37.3	9.7	45.7	54.7
9	10.4	7.3	14.35	23.4
15	14.3	7.3	18.2	27.2

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