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Hanglong Electronics

HANG LONG ELECTRONIC

Product Selection Guide
Professional / Reliable / Innovative

Taizhou Hanglong Electronics Co., Ltd.

TAIZHOU HANGLONG ELECTRONIC CO.,LTD.

≫Company Profile

Taizhou Hanglong Electronics Co., Ltd., headquartered in Dasheng Industrial Park, Jichuan Subdistrict, Taixing City, was established in 2008 and rebranded as a limited company in September 2015 with a registered capital of 5 million yuan. The company specializes in manufacturing and selling electrical connectors, electronic components, switch connectors, stamped parts, industrial automation equipment, and metal products, along with retailing cables and feeder lines.

As a professional manufacturer of electrical connectors, the company integrates R&D, production, sales, and service. Its main product lines include the Y50 series, YGD series, XC series, YMG series, and 1599 series. These products are widely used in strategic and tactical systems such as aerospace, aviation, assembly, military command, rocket forces, weaponry, marine equipment, and railways, as well as in electronic countermeasures, field power supply, communication signal systems, and industries like new energy vehicles, medical equipment, coal mining, and industrial transmission.Our company's products feature three-proof functions, high density, high reliability, and electromagnetic compatibility. We can also develop and produce various special electrical connectors for different users to meet their needs.The high-tech products are as follows：

1、photoelectric hybrid connector

Our company's independently developed photoelectric hybrid round connector complies with GJB599B (MIL-DTL-38999K) Series III standards. Featuring a three-thread quick-connect mechanism with anti-loosening features, it offers compact size, high contact density, electromagnetic shielding, detachable crimped contacts, and anti-sloping pin insertion. The stainless steel housing ensures high salt spray resistance, making it ideal for humid and harsh environments with enhanced operational stability.

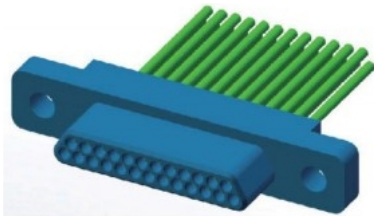
2、New Energy Series of Series Connectors

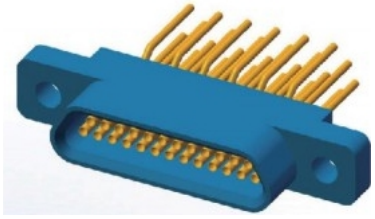
In response to the growing demand for sustainable urban development, new energy vehicles (NEVs) have seen widespread adoption in recent years. Our company has developed specialized crimp-type circular electrical connectors specifically engineered for NEVs, meeting GJB2889 standards. These connectors feature a snap-fit quick-connect/disconnect mechanism that ensures easy operation, secure connections, and robust vibration resistance. The high-strength aluminum alloy housing incorporates a rear-release crimping design with double-curved spring sockets, delivering smooth insertion/removal, low contact resistance, and protection against moisture, salt fog, mold, and rain. The innovative sealing ring design with a compression-type tail section enhances waterproof performance, achieving IP67 protection. The spring socket technology effectively prevents signal instability caused by vehicle vibrations, significantly improving safety and reliability. These innovations have gained recognition from major domestic NEV manufacturers and are now widely adopted in the industry.

Our company has always upheld the corporate ethos of 'Integrity as the foundation, unity and hard work for practical innovation, and the pursuit of excellence,' adhering to

Our quality policy, "Customer-focused, customer-oriented, technology-driven, and service-integrity," is embodied in premium products, exceptional service, and competitive pricing—all dedicated to serving our customers wholeheartedly.

Taizhou Hanglong Electronics Co., Ltd. cordially welcomes domestic and international clients to collaborate and discuss business opportunities!





Product Features

★Complies with the military standard GJB2446A-2011, equivalent to the U.S. military standard MIL-C-83513

★The wire-type elastic pin is used, the contact is stable and reliable;

★The contact spacing is 1.27mm with high contact density, and the product is light and compact.

★The product features a plastic casing, comparable to the American MD series.

★The cross-sectional area of the conductor is 0.035mm² to 0.2mm²; it is recommended to use 0.1mm² to 0.15mm².

★Number of cores: available in 11 specifications including 4, 6, 9, 15,21,25,31,37,51, and 74 cores.

★The locking assemblies for this product series are to be purchased separately as per order specifications. If assembly with the product is required, this should be specified in the contract.

★Product implementation standard: GJB2446A-2011

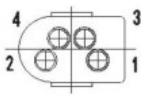
Q/FY QJO001-2010 "Detailed Specifications for J30 Series Micro Rectangular Electrical Connectors"

Key technical features

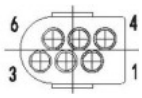
Ambient temperature	-55~+125℃	Contact resistance	≤10mΩ
Relative humidity	+40°C reaches 95%	Insulation resistance	≥5000MΩ
Vibrate	10~2000Hz 196m/s²	Dielectric withstand voltage	800V
Lash	735m/s²	Mechanical life	500 times
Accelerated speed	735m/s²	Instantaneous time	≤1μs
Rated current	3A		

isochromatogram

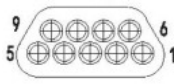
J30-4 core



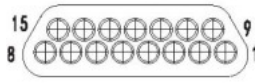
J30-6 core



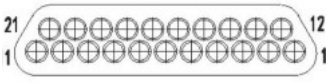
J30-9 core



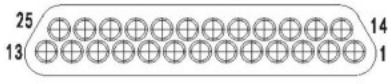
J30-15 core



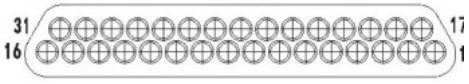
J30-21 core



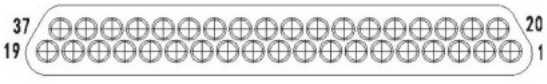
J30-25 core



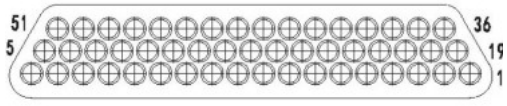
J30-31 core

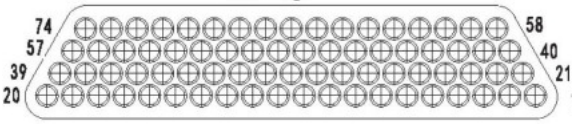


J30-37 core



J30-51 core

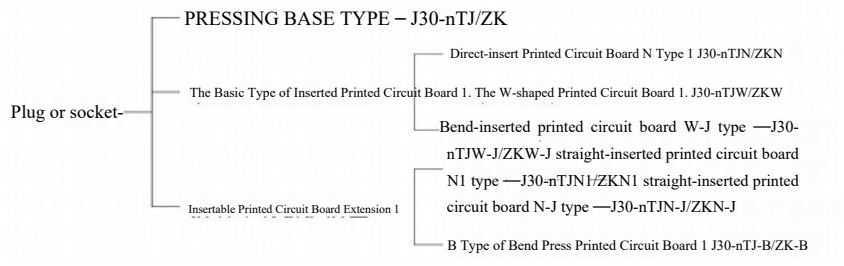




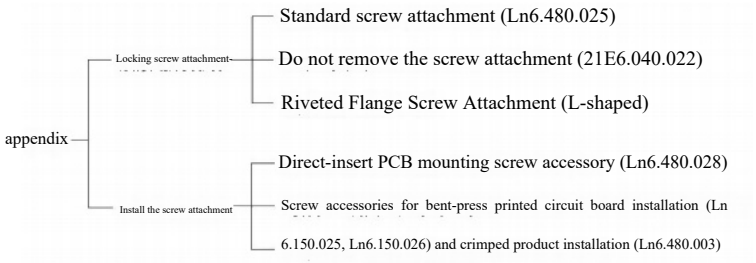
Note: The above arrangement is based on a top view of the plug's mating end face.

product FAMILY POPULATION

The J30 series includes the following sub-series:



J30 Series products include the following sub-series products:



Product Selection Essentials

When purchasing J30 products, it is generally necessary to specify the required accessories for product locking or installation. The code of the specified accessories is sufficient.

J30 ① X ② – X ③ TJ/ZK ④ X ⑤ – X ⑥ (Appendix Note)

① Main name code:J30-basic type (ambient temperature-5 5 ~ +1 2 5 ℃)J30G-high temperature resistant type(ambient temperature-5 5~ +1 8 5 ℃)

② series CHANGE: base model (not indicated)

③ Number of contacts: 4, 6, 9, 1 5 ,2 1 ,2 5 ,3 1 ,3 7 ,5 1 ,7 4

④ Connector and contact type:TJ-plug-in head with plug pin;ZK-plug-in socket with plug hole;

⑤ endotype: no letter one press;

N, N1, N-B 1 straight printed circuit board;W 1 curved printed circuit board;

⑥ Indicates modification or tail change:J-bend PCB connector tail pin grid spacing changed to 1.27×2.54 (column×row)

Note: The additional instructions are not part of the order form. Please indicate the specifications of the wire to be crimped in parentheses when selecting the customer, such as the wire cross-sectional area and length.

and color, etc......

example OF THE MARK

J30-37TJW-J

The contact arrangement is shown above as a 3 7 pin, pin contact, W-J shaped contact tip for a flex-plated PCB.

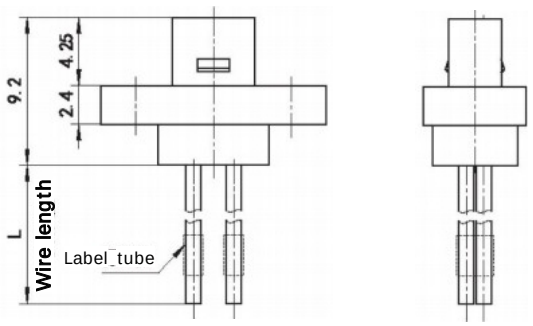
J30 and J30G Series of Fast-Locking Compression-Type Connectors With Small Core Count

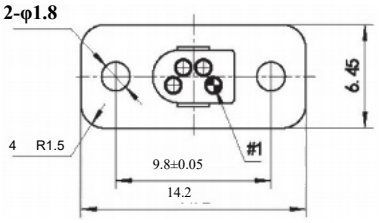
Product Features

★The product is designed for board-to-board connections without requiring fastening, featuring a compact size, reliable contact, and quick plug-and-play capability.

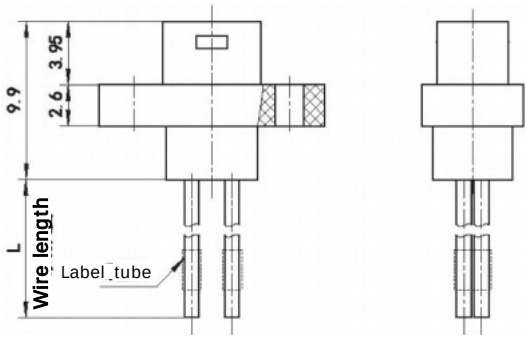
★The product is compatible with conductors ranging from 0.035mm² to 0.2mm², with 0.1mm² to 0.15mm² recommended and 0.12mm² as the default. The conductor type and length are determined by the customer. When selecting a model, the user must specify the conductor information in the model. For special wiring requirements, technical documentation must be provided.

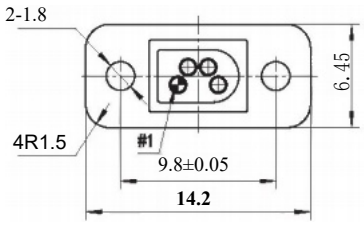
Product Dimensions



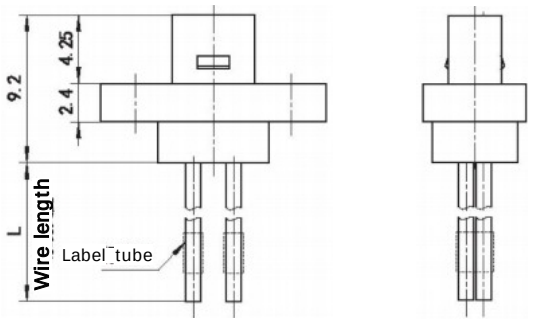


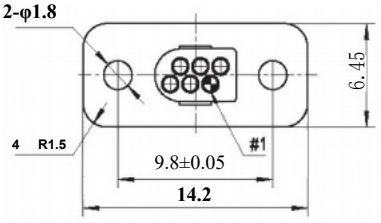
J30-4TJ



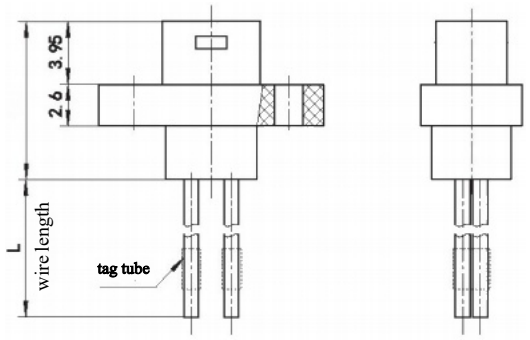


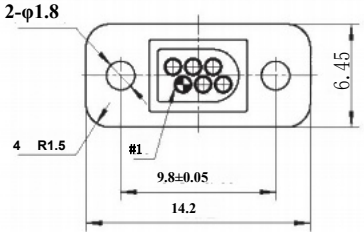
J30-4ZK





J30-6TJ



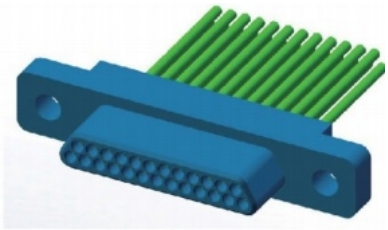


J30-6ZK

J30 and J30G series crimped plugs

order marking

J30 — n TJ (Attachment Description)
① ② ③ ④ ⑤



① Primary designation: J30—Basic type (ambient temperature-55 to +125°C)

J30G—High-temperature resistant (operating temperature range: -55°C to +185°C)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ plug with pins;

④ Attachment description:

Free-end attachments: standard screw attachment (Ln6.480.025), non-disengaging screw attachment (21E6.040.022), and riveted screw attachment (L-type);

Fixed-end attachment: Press-fit product installation screw attachment (Ln6.480.003)

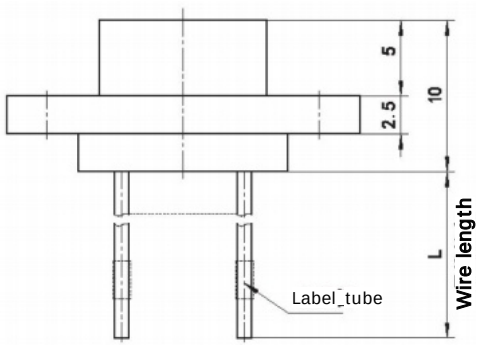
⑤ Note: The product is compatible with conductors ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The conductor type and length are determined by the customer. When selecting a model, the conductor information must be specified in the model. For special wiring requirements, technical documentation must be provided.

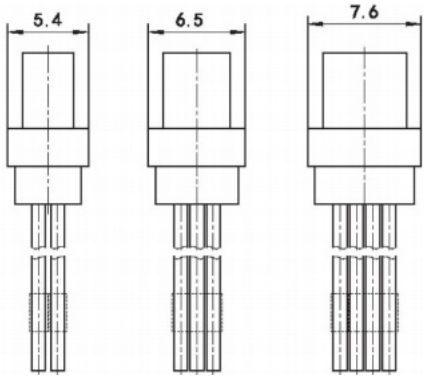
example OF THE MARK

J30-31TJ (Ln6.480.025) (AFR-250, white, L=300)

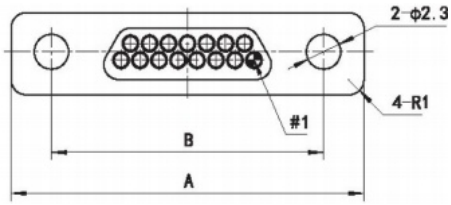
The markings indicate: The J30 series 31-core crimped plug uses standard screw accessories (Ln6.480.025); It employs AFR-250 white conductors with a default core cross-section of 0.12mm² and a length of 300mm.

external DIMENSIONS





9 to 37 cores; 51 cores 74-core

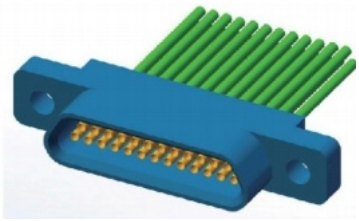


Product model	n	A	B	Product model	n	A	B
J30-9TJ	9	19.8	14.3	J30-31TJ	31	33.7	28.3
J30-15TJ	15	23.6	18.2	J30-37TJ	37	37.5	32.2
J30-21TJ	21	27.5	22	J30-51TJ	51	36.3	30.8
J30-25TJ	25	30	24.5	J30-74TJ	74	38.8	33.5

J30 and J30G series crimping sockets

order marking

J30 — n ZK (Attachment Description)
① ② ③ ④ ⑤



① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK-socket with plug hole;

④ Attachment description: Free end attachment: standard screw attachment (Ln6.480.025), non-disengagement screw attachment (21E 6.040.022), flip rivet screw attachment (L type);

Fixed-end attachment: installation screw attachment (Ln6.480.003);

⑤ Note: The product is compatible with conductors ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The conductor type and length are determined by the customer. When selecting a model, the conductor information must be specified in the model. For special wiring requirements, technical documentation must be provided.

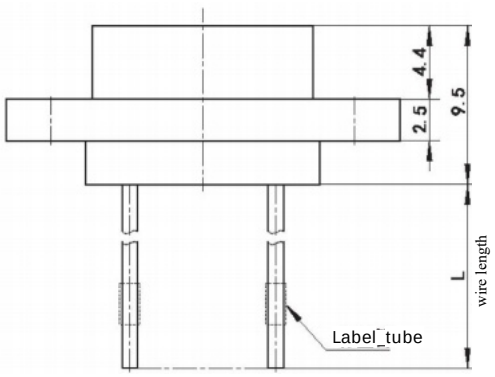
example OF THE MARK

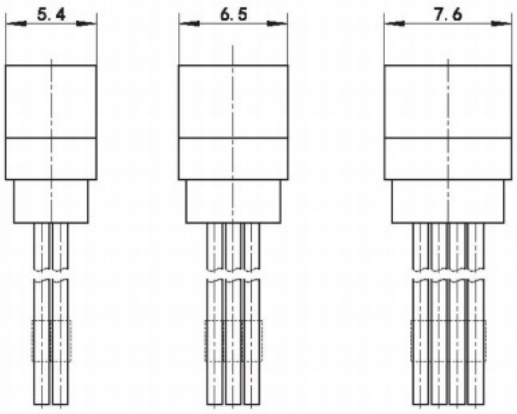
J30-31ZK (Ln6.480.003) (AFR-250, white, L=300)

The above marks indicate:J30 series 31-core crimped socket, using standard screw accessories (Ln6.480.003);using AFR-250 type white conductor, core wire

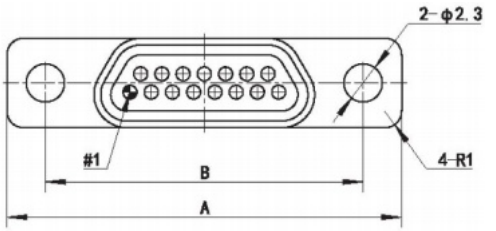
Cross-sectional area: 0.12 mm² by default, wire length: L=300 mm.

external DIMENSIONS





9 to 37 cores 51 core 74-core

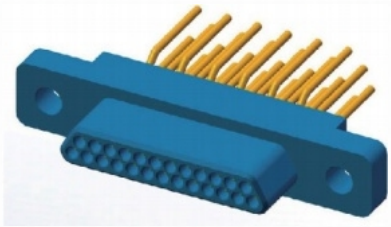


Product model	n	A	B	Product model	n	A	B
J30-9ZK	9	19.8	14.3	J30-31ZK	31	33.7	28.3
J30-15ZK	15	23.6	18.2	J30-37ZK	37	37.5	32.2
J30-21ZK	21	27.5	22	J30-51ZK	51	36.3	30.8
J30-25ZK	25	30	24.5	J30-74ZK	74	38.8	33.5

J30 and J30G Series N-Type Straight PCB Connectors

Order Symbol

J30 — n TJ N (Attachment Description)
① ② ③ ④ ⑤



① Primary designation: J30— Basic type (ambient temperature-55~+125℃) J30G— High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Connector and contact type: TJ-1 plug with pins;

④ Indicates the end form: N-type straight PCB;

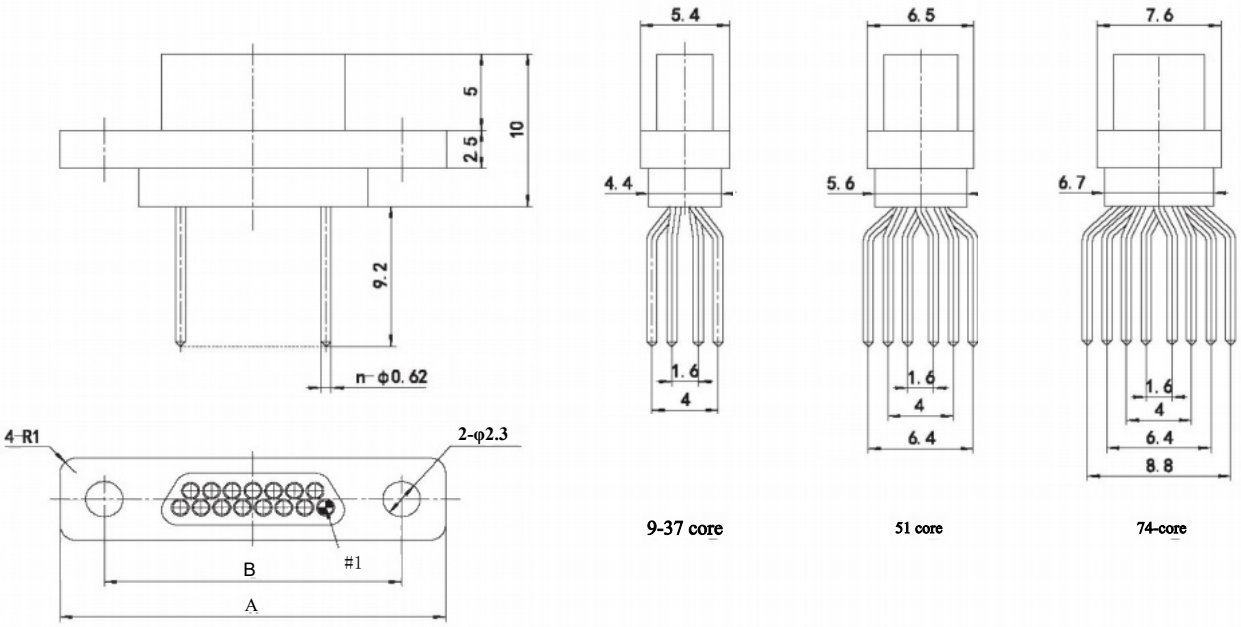
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

Icon Example

J30-31TJN(Ln6.480.028)

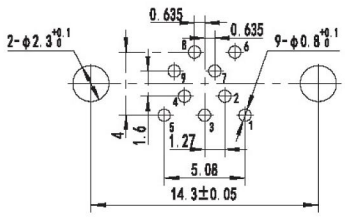
The above logo indicates: J30 series 31-pin N-type straight PCB plug, equipped with standard screw accessories (Ln6.480.028).

External dimensions

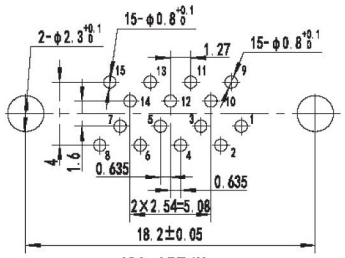


Product model	n	A	B	Product model	n	A	B
J30-9TJN	9	19.8	14.3	J30-31TJN	31	33.7	28.3
J30-15TJN	15	23.6	18.2	J30-37TJN	37	37.5	32.2
J30-21TJN	21	27.5	22	J30-51TJN	51	36.3	30.8
J30-25TJN	25	30	24.5	J30-74TJN	74	38.8	33.5

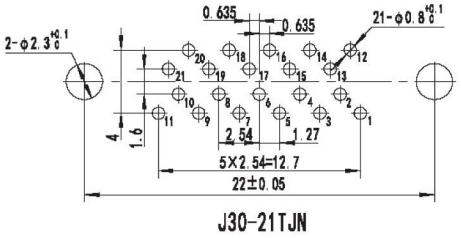
Printed circuit board mounting hole dimensions



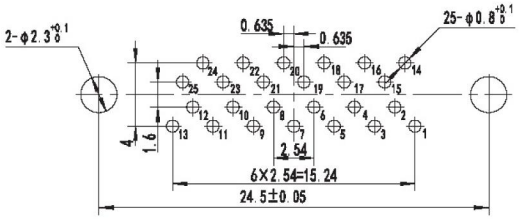
J30-9TJN



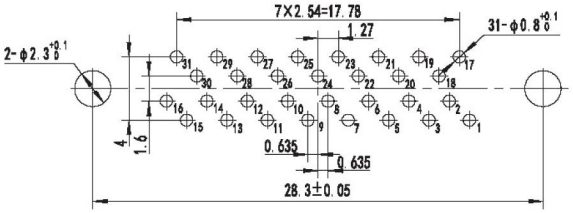
J30-15TJN



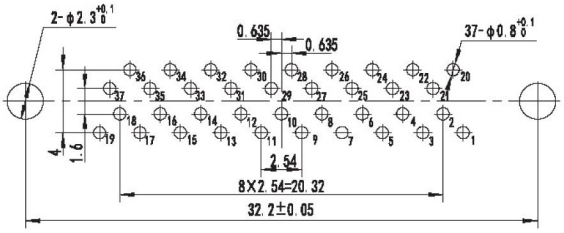
J30-21TJN



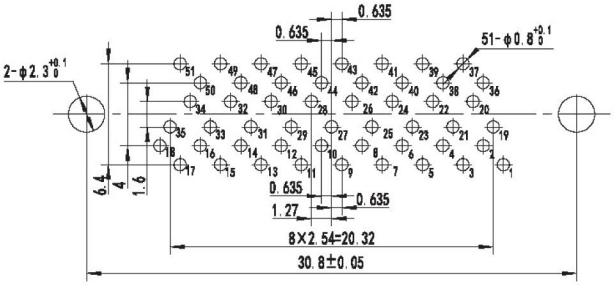
J30-25TJN



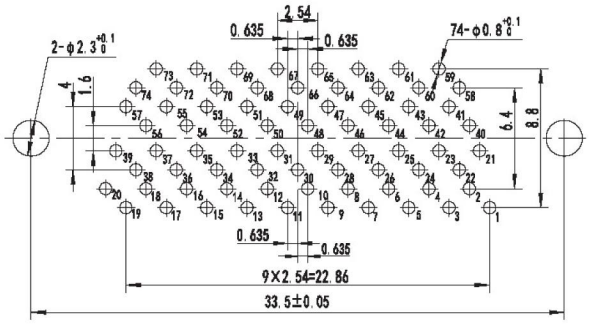
J30-31TJN



J30-37TJN



J30-51TJN



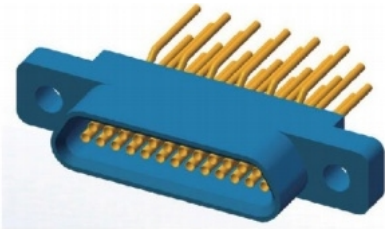
J30-74TJN

J30 and J30G Series N-Type Vertical Printed Circuit Board Sockets

Order Symbol

J30 — n ZK N (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK-1 plug-in socket;

④ Indicates the end form: N-type straight PCB;

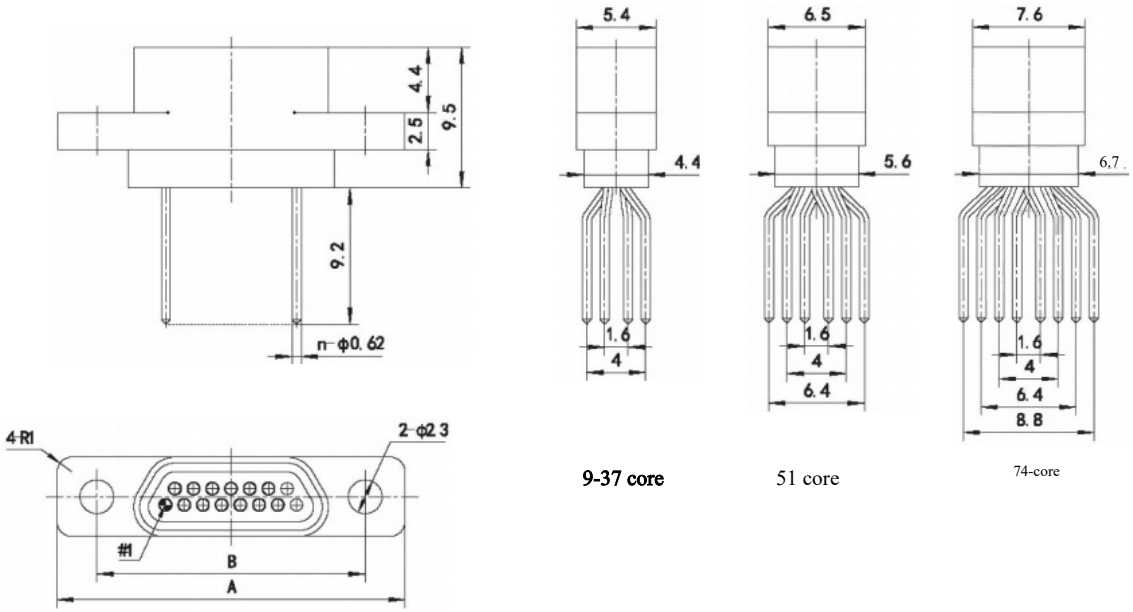
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

Icon Example

J30-31ZKN(Ln6.480.028)

The above symbol indicates: J30 series 31-pin N-type vertical PCB socket, equipped with standard screw accessories (Ln6.480.028).

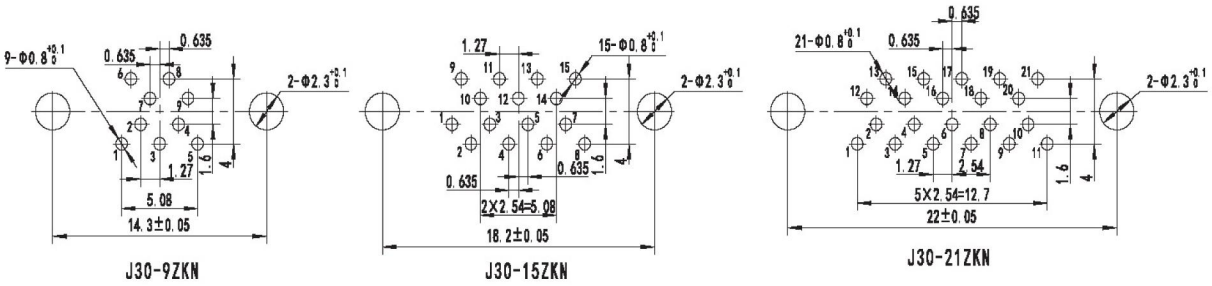
External dimensions

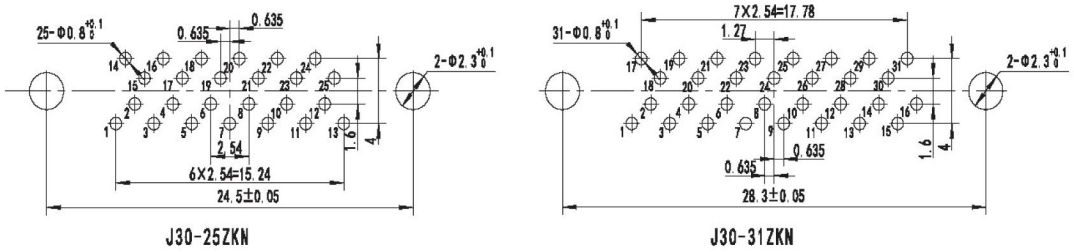


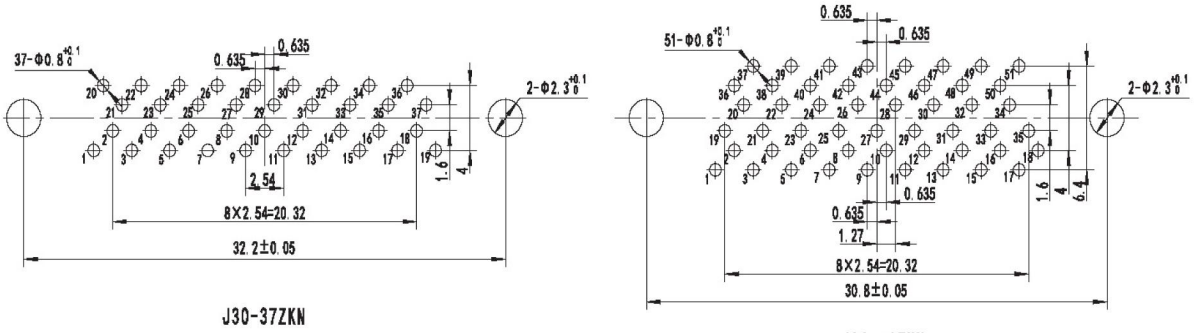
9-37 core 51 core 74-core

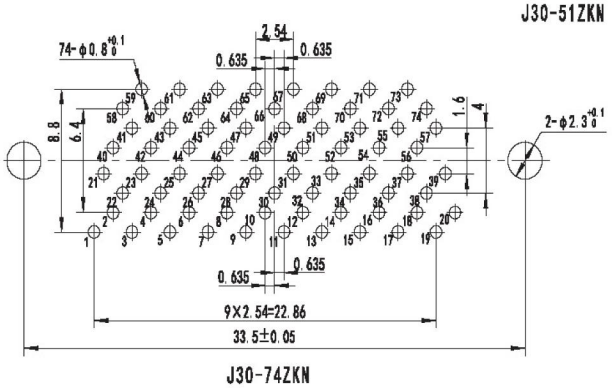
Product model	n	A	B	Product model	n	A	B
J30-9ZKN	9	19.8	14.3	J30-31ZKN	31	33.7	28.3
J30-15ZKN	15	23.6	18.2	J30-37ZKN	37	37.5	32.2
J30-21ZKN	21	27.5	22	J30-51ZKN	51	36.3	30.8
J30-25ZKN	25	30	24.5	J30-74ZKN	74	38.8	33.5

Printed circuit board mounting hole dimensions







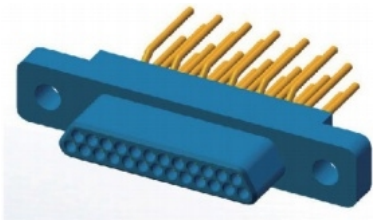


J30, J30G Series N1 Straight Printed Circuit Board Plug

order @-@ marking

J30 — n TJ N1 (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ—plug with pins;

④ Indicates the end form: N1 type straight PCB;

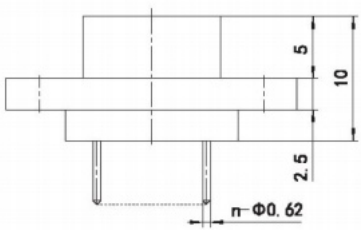
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

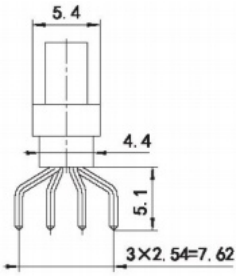
example OF THE MARK

J30-31TJN1(Ln6.480.028)

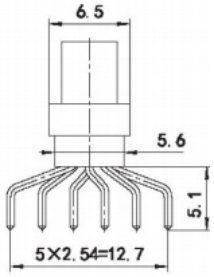
The above symbol indicates: J30 series 31-pin N1 type straight PCB plug, equipped with standard screw accessories (Ln6.480.028).

external DIMENSIONS

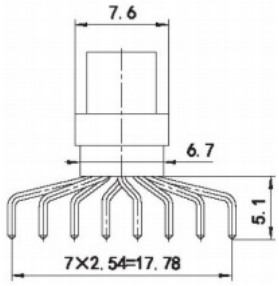


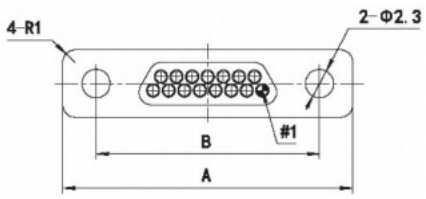


9-37 core



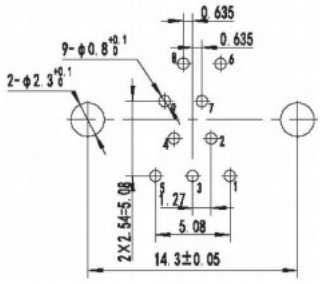
51 core



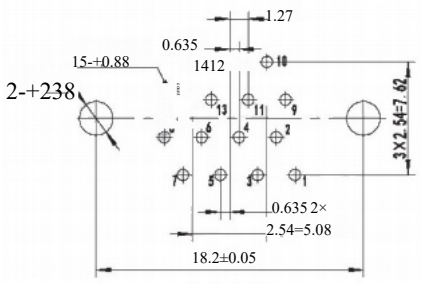


Product model	n	A	B	Product model	n	A	B
J30-9TJN1	9	19.8	14.3	J30-31TJN1	31	33.7	28.3
J30-15TJN1	15	23.6	18.2	J30-37TJN1	37	37.5	32.2
J30-21TJN1	21	27.5	22	J30-51TJN1	51	36.3	30.8
J30-25TJN1	25	30	24.5	J30-74TJN1	74	38.8	33.5

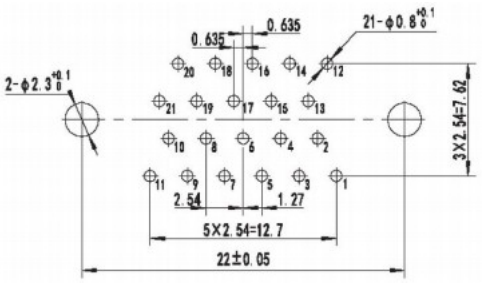
PCB Mounting Hole Size



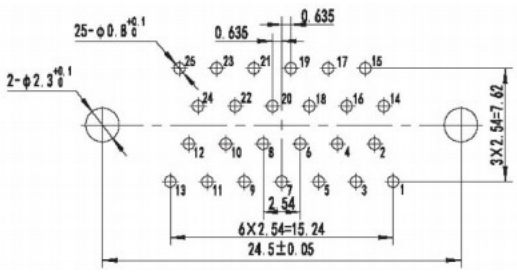
J30-9TJN1



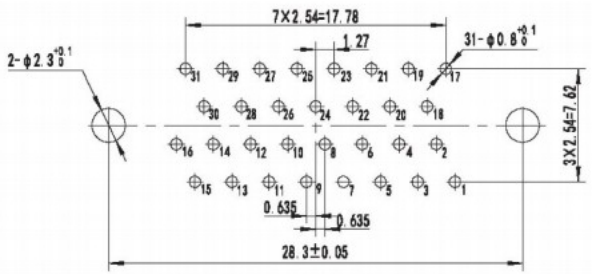
J30-15TJN1



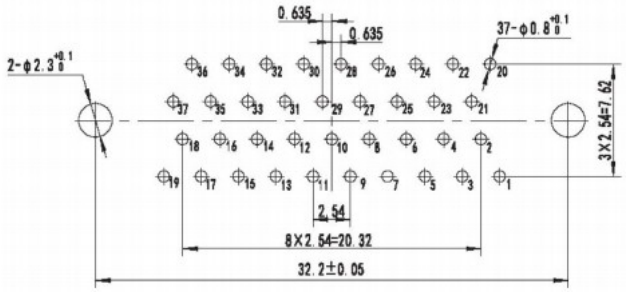
J30-21TJN1



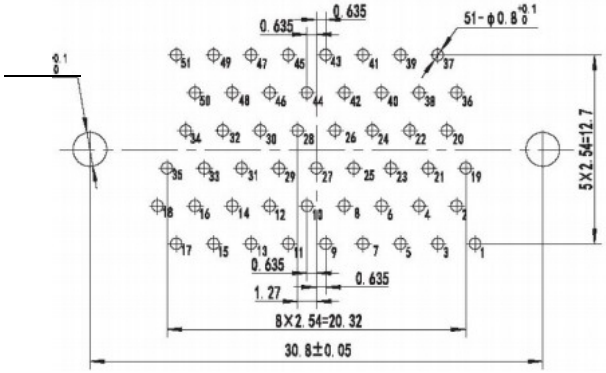
J30-25TJN1



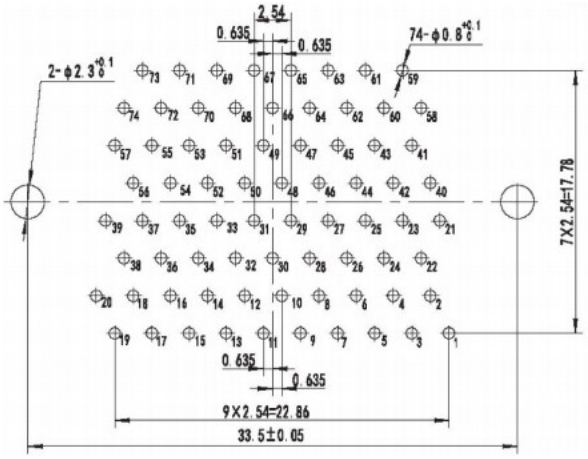
J30-31TJN1



J30-37TJN1



J30-51TJN1



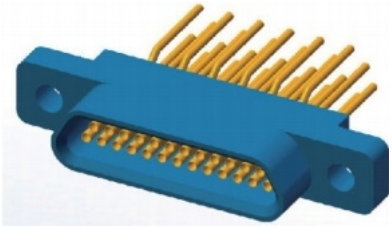
J30-74TJN1

J30, J30G Series N1 Straight Printed Circuit Board Socket

order @-@ marking

J30 — n ZK N1 (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK—socket with plug hole;

④ Indicates the end form: N1 type straight PCB;

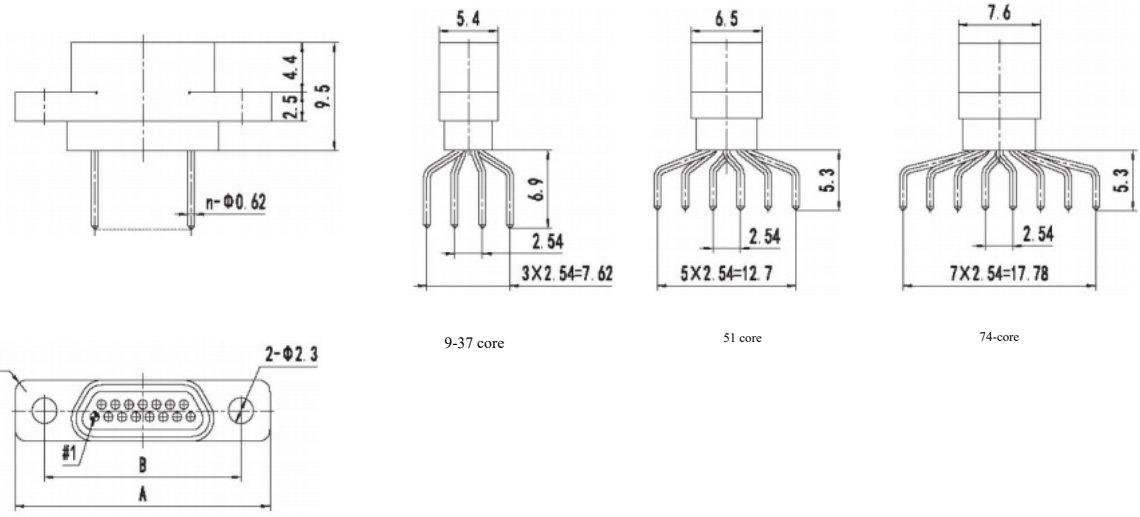
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

example OF THE MARK

J30-31ZKN1(Ln6.480.028)

The above symbol indicates: J30 series 31-pin N1 type straight PCB socket, equipped with standard screw accessories (Ln6.480.028).

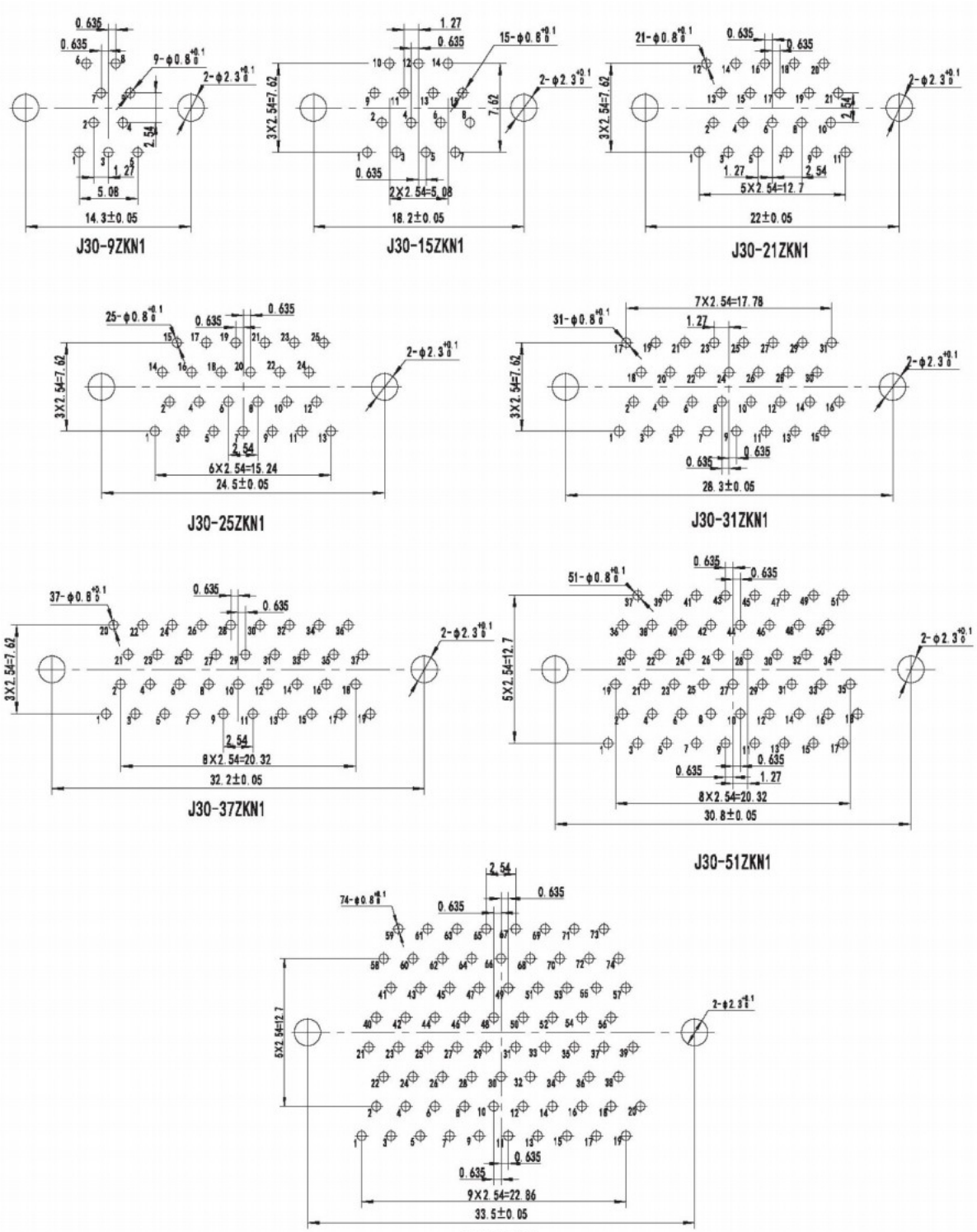
external DIMENSIONS



9-37 core　　51 core　　74-core

Product model	n	A	B	Product model	n	A	B
J30-9ZKN1	9	19.8	14.3	J30-31ZKN1	31	33.7	28.3
J30-15ZKN1	15	23.6	18.2	J30-37ZKN1	37	37.5	32.2
J30-21ZKN1	21	27.5	22	J30-51ZKN1	51	36.3	30.8
J30-25ZKN1	25	30	24.5	J30-74ZKN1	74	38.8	33.5

PCB Mounting Hole Size



J30, J30G Series N-B Type straight printed circuit board plug

order @-@ marking

J30 — n TJ N—B (Attachment Description)
① ② ③ ④ ⑤

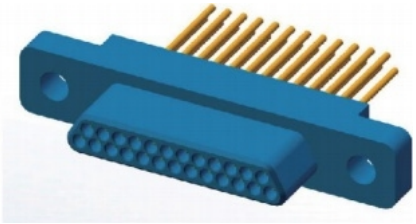
① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ plug with pins;

④ Indicates the end form: N-B type straight PCB;

⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

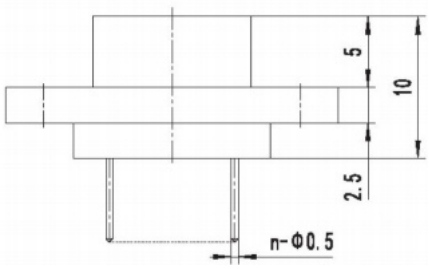


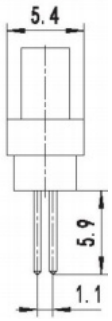
example OF THE MARK

J30-31TJN-B(Ln6.480.028)

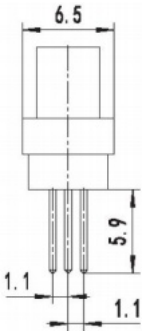
The above symbol indicates: J30 series 31-pin N-B type straight PCB plug, equipped with standard screw accessories (Ln6.480.028).

external DIMENSIONS

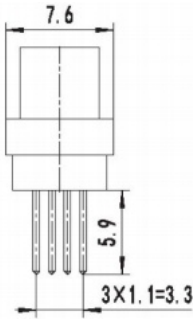




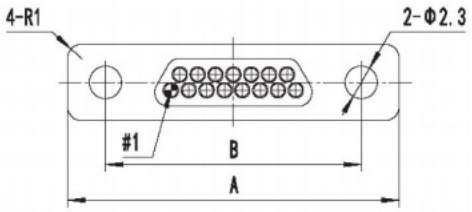
9-37 core



51 core

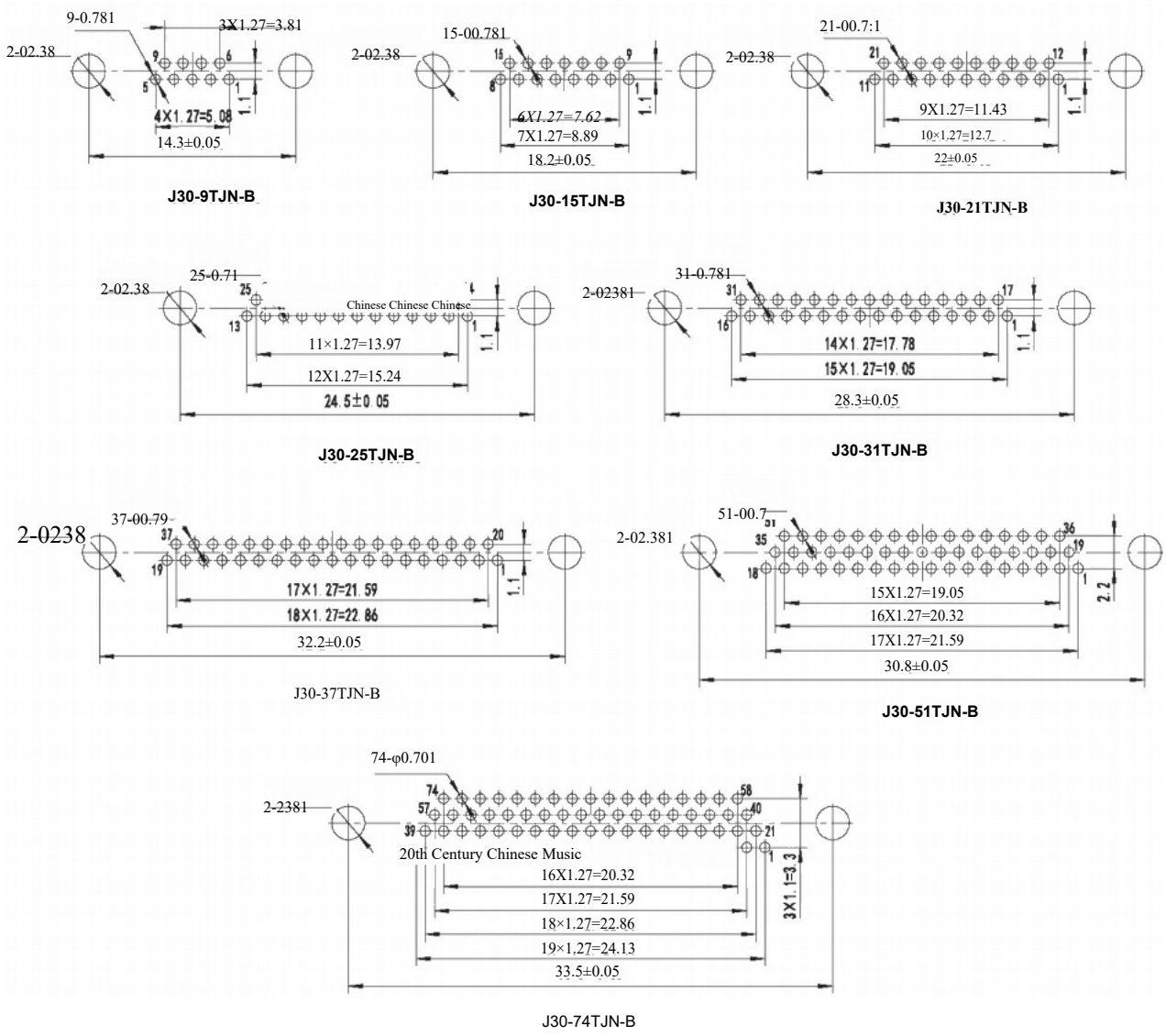


74-core



Product model	n	A	B	Product model	n	A	B
J30-9TJN-B	9	19.8	14.3	J30-31TJN-B	31	33.7	28.3
J30-15TJN-B	15	23.6	18.2	J30-37TJN-B	37	37.5	32.2
J30-21TJN-B	21	27.5	22	J30-51TJN-B	51	36.3	30.8
J30-25TJN-B	25	30	24.5	J30-74TJN-B	74	38.8	33.5

PCB Mounting Hole Size

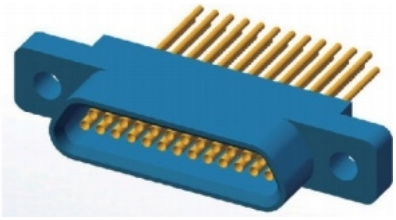


J30, J30G Series N-B Type Straight Printed Circuit Board Socket

order @-@ marking

J30 — n ZK N—B (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK-socket with plug hole;

④ Indicates the end form: N-B type straight PCB;

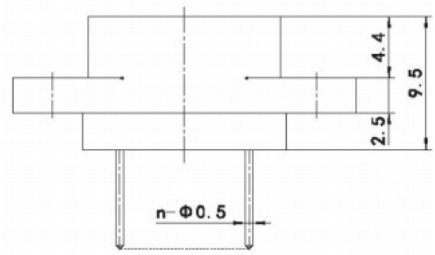
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

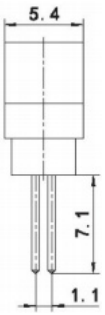
example OF THE MARK

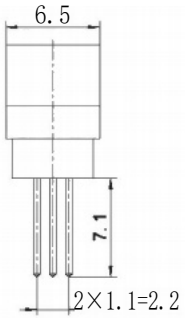
J30-31ZKN-B(Ln6.480.028)

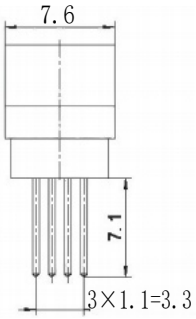
The above symbol indicates: J30 series 31-pin N-B type vertical PCB socket, equipped with standard screw accessories (Ln6.480.028).

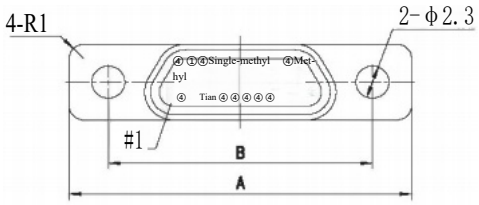
external DIMENSIONS







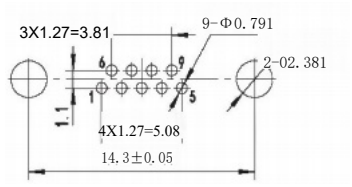




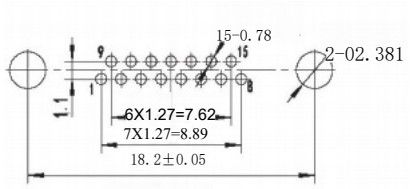
9-37 core 51 core 74-core

Product model	n	A	B	Product model	n	A	B
J30-9ZKN-B	9	19.8	14.3	J30-31ZKN-B	31	33.7	28.3
J30-15ZKN-B	15	23.6	18.2	J30-37ZKN-B	37	37.5	32.2
J30-21ZKN-B	21	27.5	22	J30-51ZKN-B	51	36.3	30.8
J30-25ZKN-B	25	30	24.5	J30-74ZKN-B	74	38.8	33.5

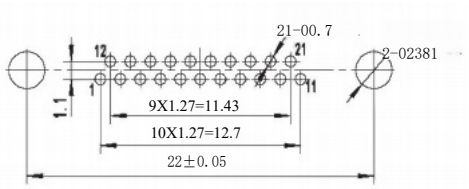
PCB mounting hole size



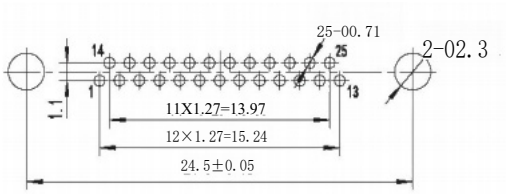
J30-9ZKN-B



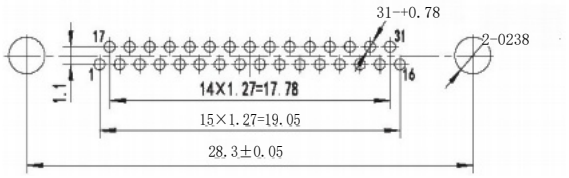
J30-15ZKN-B



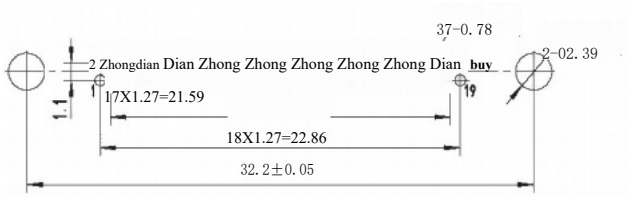
J30-21ZKN-B



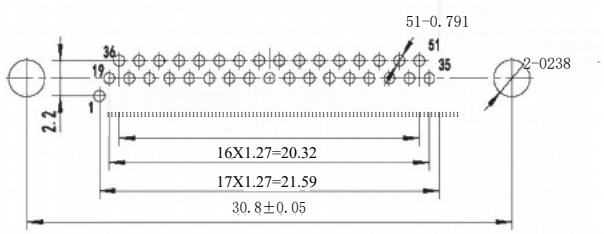
J30-25ZKN-B



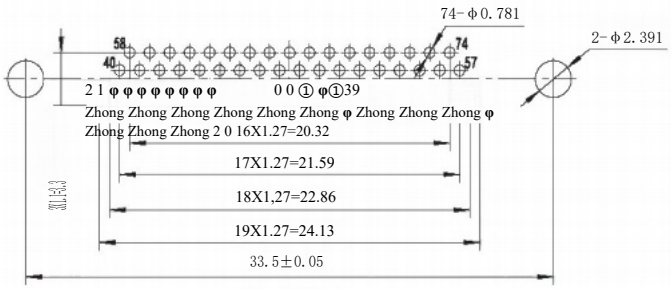
J30-31ZKN-B



J30-37ZKN-B



J30-51ZKN-B



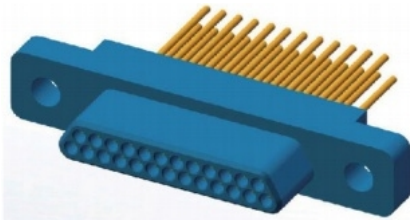
J30-74ZKM-B

J30, J30G Series N-J Type Straight Printed Circuit Board Plug

order @-@ marking

J30 — n TJ N—J (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ plug with pins;

④ Indicates the end form: N-J type straight PCB;

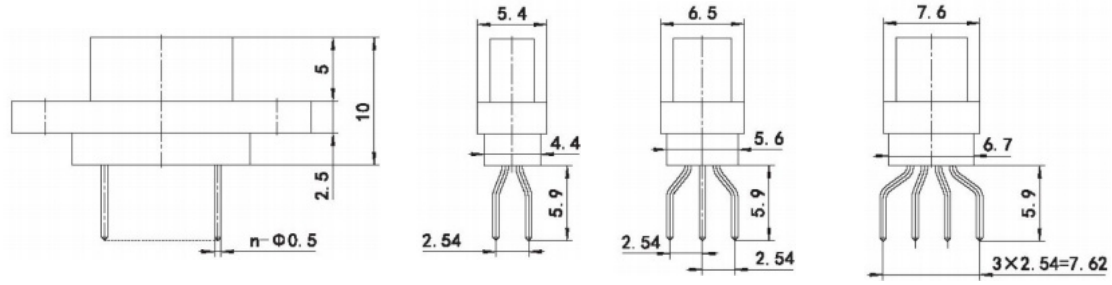
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

example OF THE MARK

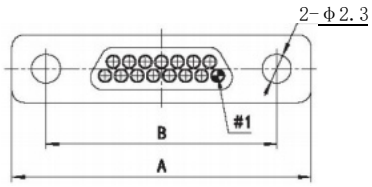
J30-31TJN-J(Ln6.480.028)

The above symbol indicates: J30 series 31-pin N-J type straight PCB plug, equipped with standard screw accessories (Ln6.480.028).

external DIMENSIONS

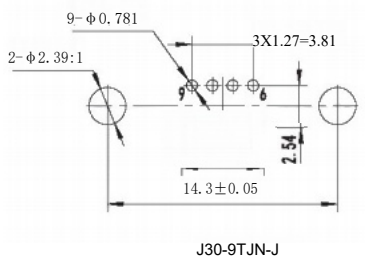


9-37 core 51 core 74-core

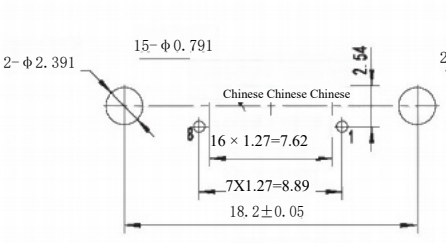


Product model	n	A	B	Product model	n	A	B
J30-9TJN-J	9	19.8	14.3	J30-31TJN-J	31	33.7	28.3
J30-15TJN-J	15	23.6	18.2	J30-37TJN-J	37	37.5	32.2
J30-21TJN-J	21	27.5	22	J30-51TJN-J	51	36.3	30.8
J30-25TJN-J	25	30	24.5	J30-74TJN-J	74	38.8	33.5

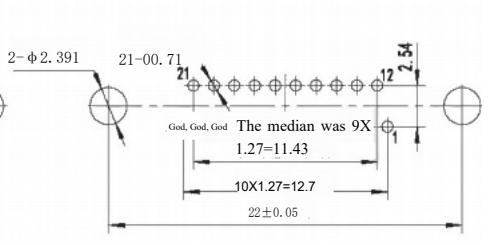
PCB Mounting Hole Size



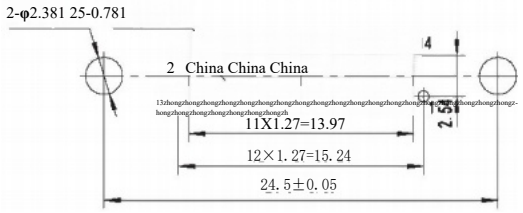
J30-9TJN-J



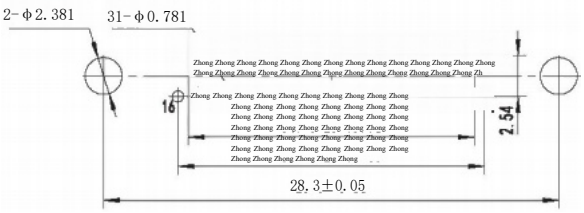
J30-15TJN-J



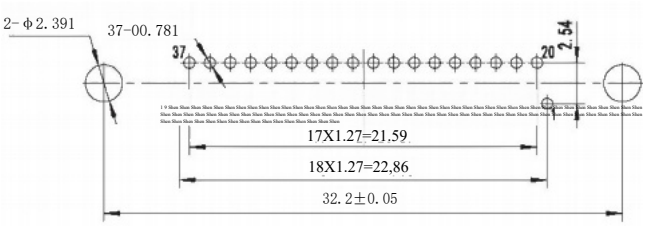
J30-21TJN-J



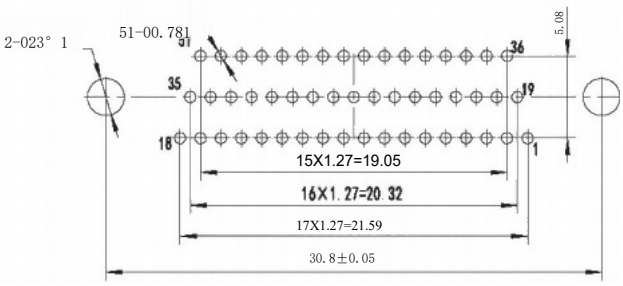
J30-25TJN-J



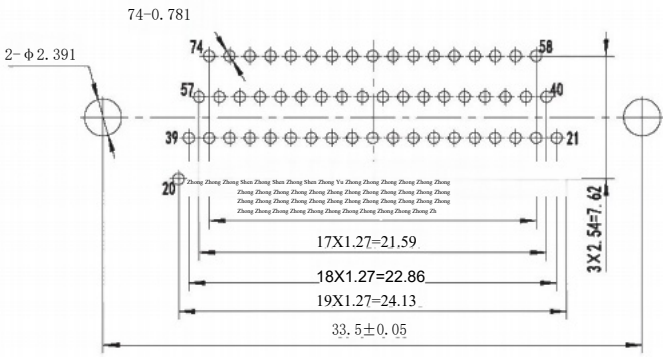
J30-31TJN-J



J30-37TJN-J



J30-51TJN-J



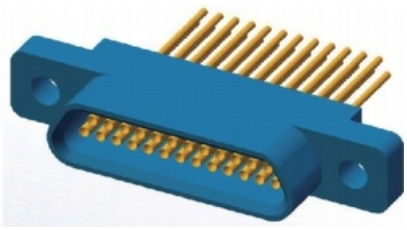
J30-74TJN-J

J30, J30G Series N-J Type Straight Printed Circuit Board Socket

order @-@ marking

J30 — n ZK N—J (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)



② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK-socket with plug hole;

④ Indicates the end form: N-J type straight PCB;

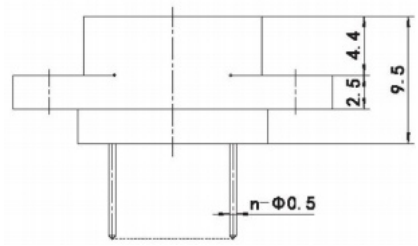
⑤ Attachment Note: Installation Screw Attachment (Ln6.480.028)

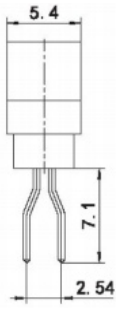
example OF THE MARK

J30-31ZKN-J(Ln6.480.028)

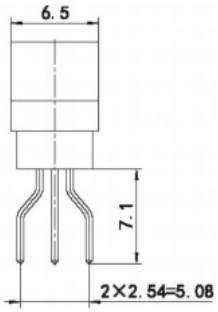
The above symbol indicates: J30 series 31-pin N-J type vertical PCB socket, equipped with standard screw accessories (Ln6.480.028).

external DIMENSIONS

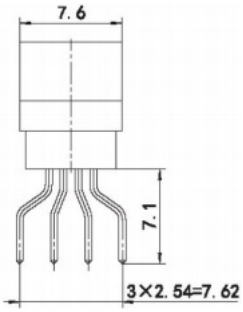




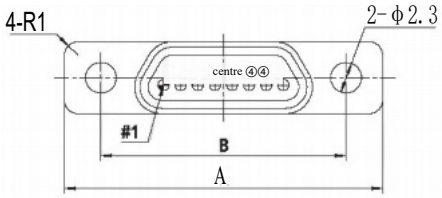
9-37 core



51 core

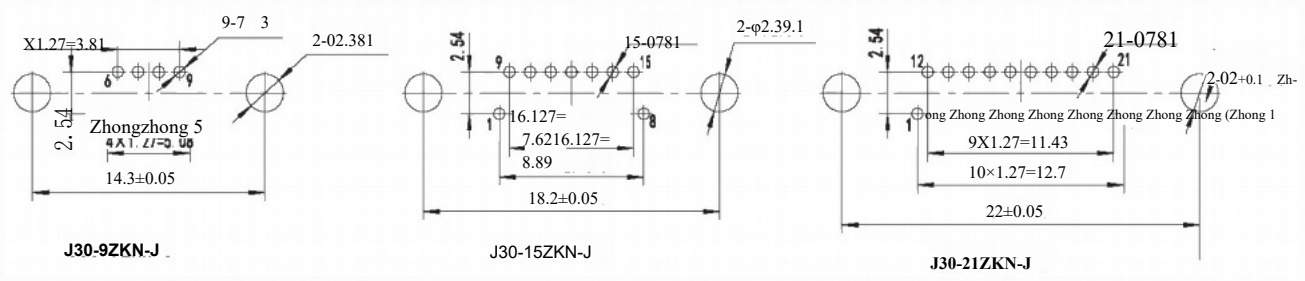


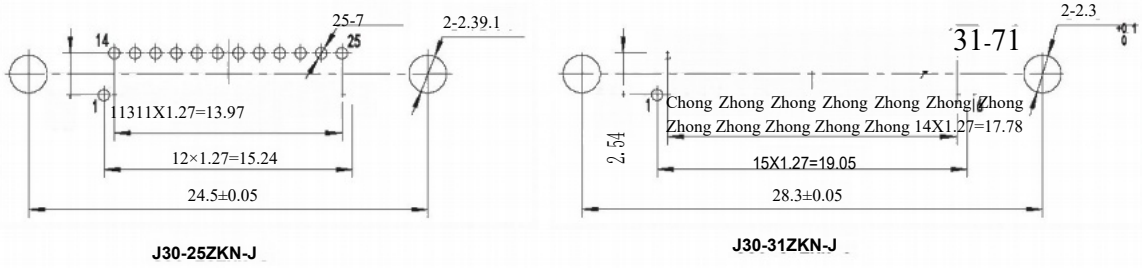
74-core

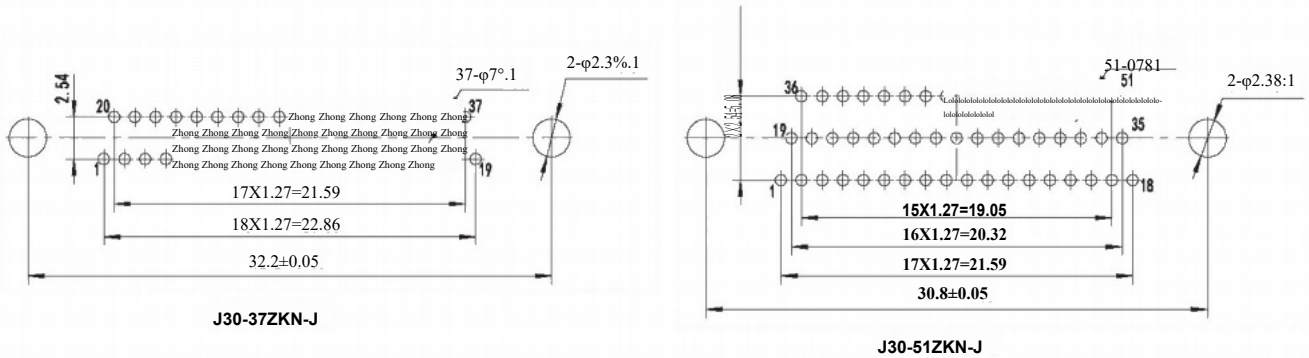


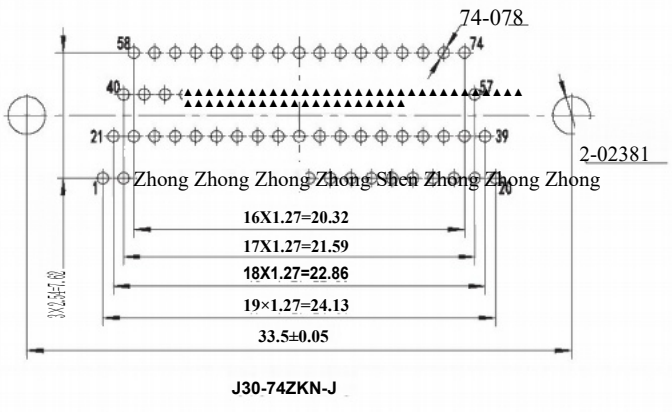
Product model	n	A	B	Product model	n	A	B
J30-9ZKN-J	9	19.8	14.3	J30-31ZKN-J	31	33.7	28.3
J30-15ZKN-J	15	23.6	18.2	J30-37ZKN-J	37	37.5	32.2
J30-21ZKN-J	21	27.5	22	J30-51ZKN-J	51	36.3	30.8
J30-25ZKN-J	25	30	24.5	J30-74ZKN-J	74	38.8	33.5

PCB Mounting Hole Size









J30, J30G Series W Type Bent Printed Circuit Board Plug

order @-@ marking

J30 — n TJ W (Attachment Description)
① ② ③ ④ ⑤

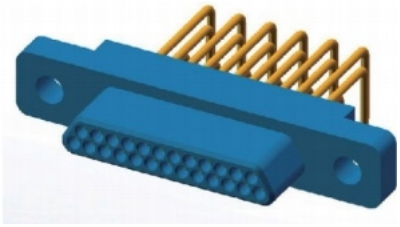
① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ—plug with pins;

④ Indicates the end form: W-shaped bent PCB;

⑤ Attachment Notes: Installation Screw Accessories (Ln6.150.025), Installation Screw Accessories (Ln6.150.026)

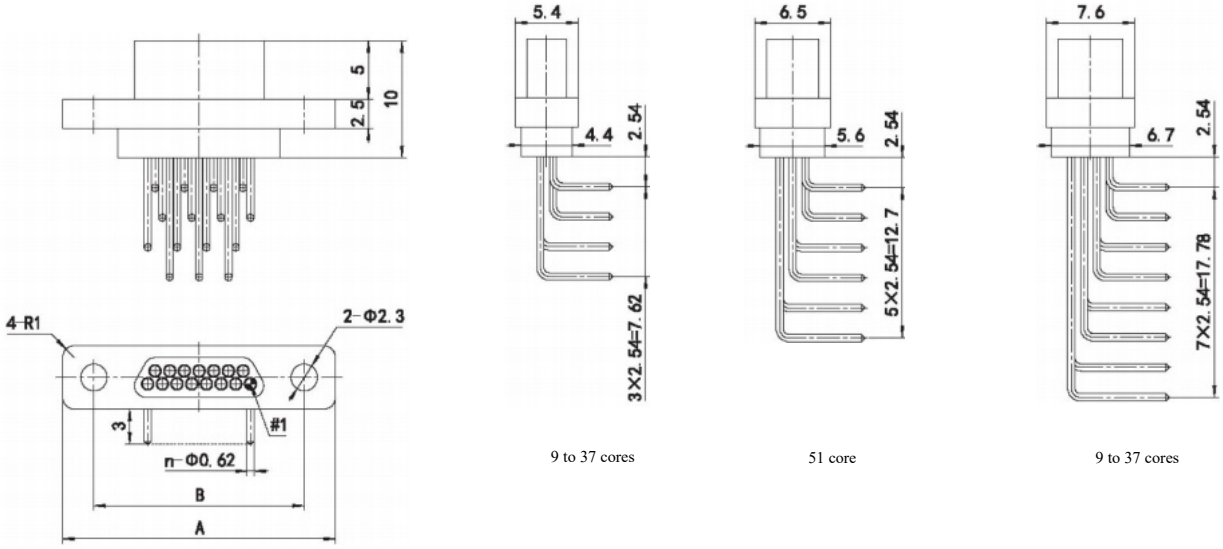


example OF THE MARK

J30-31TJW(Ln6.150.025)

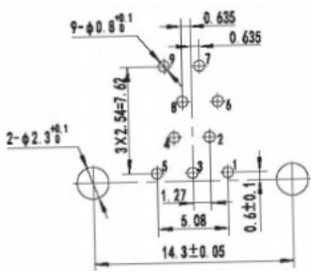
The above symbol indicates: J30 series 31-pin W-type bent PCB plug, equipped with standard screw accessories (Ln6.150.025).

external DIMENSIONS

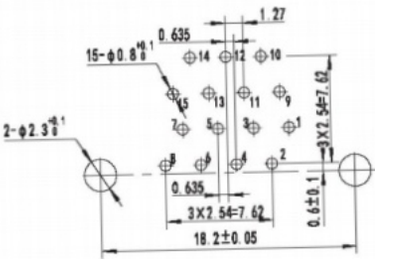


Product model	n	A	B	Product model	n	A	B
J30-9TJW	9	19.8	14.3	J30-31TJW	31	33.7	28.3
J30-15TJW	15	23.6	18.2	J30-37TJW	37	37.5	32.2
J30-21TJW	21	27.5	22	J30-51TJW	51	36.3	30.8
J30-25TJW	25	30	24.5	J30-74TJW	74	38.8	33.5

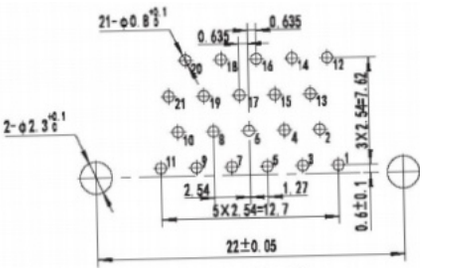
PCB mounting hole size



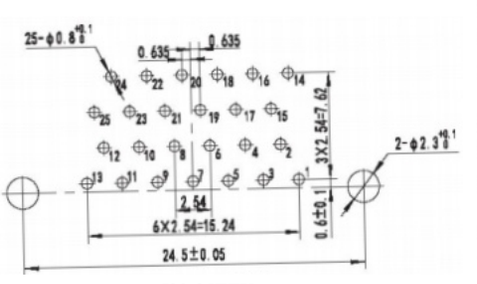
J30-9TJW



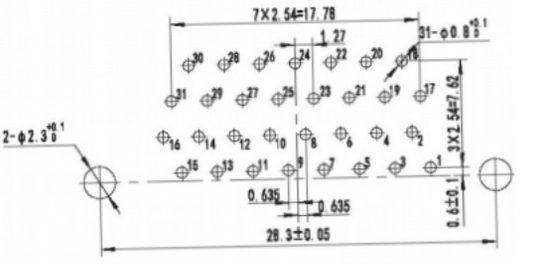
J30-15TJW



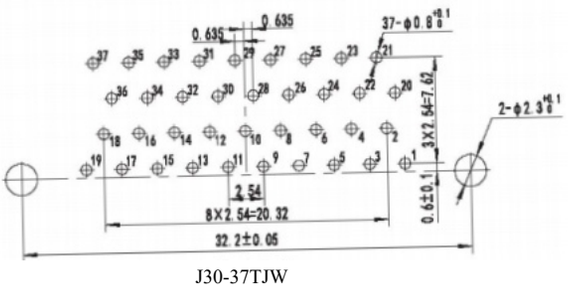
J30-21TJW



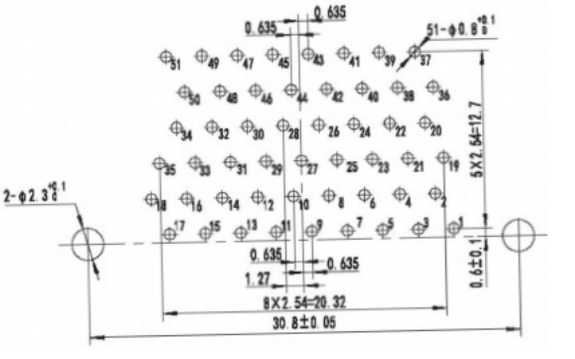
J30-25TJW



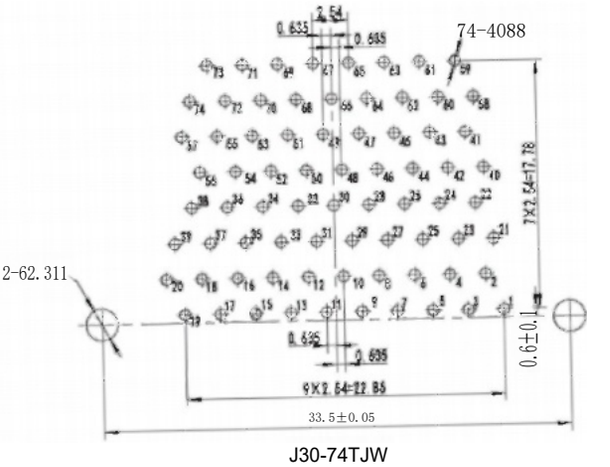
J30-31TJW



J30-37TJW



J30-51TJW



J30-74TJW

J30, J30G Series W Type Bent Printed Circuit Board Socket

order @-@ marking

J30 — n ZK W (Attachment Description)
① ② ③ ④ ⑤

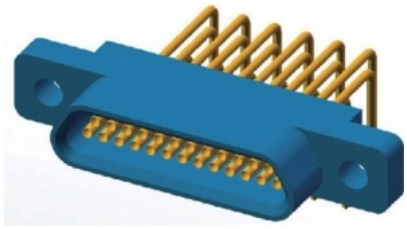
① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK—socket with plug hole;

④ Indicates the end form: W-shaped bent PCB;

⑤ Attachment Notes: Installation Screw Accessories (Ln6.150.025), Installation Screw Accessories (Ln6.150.026)

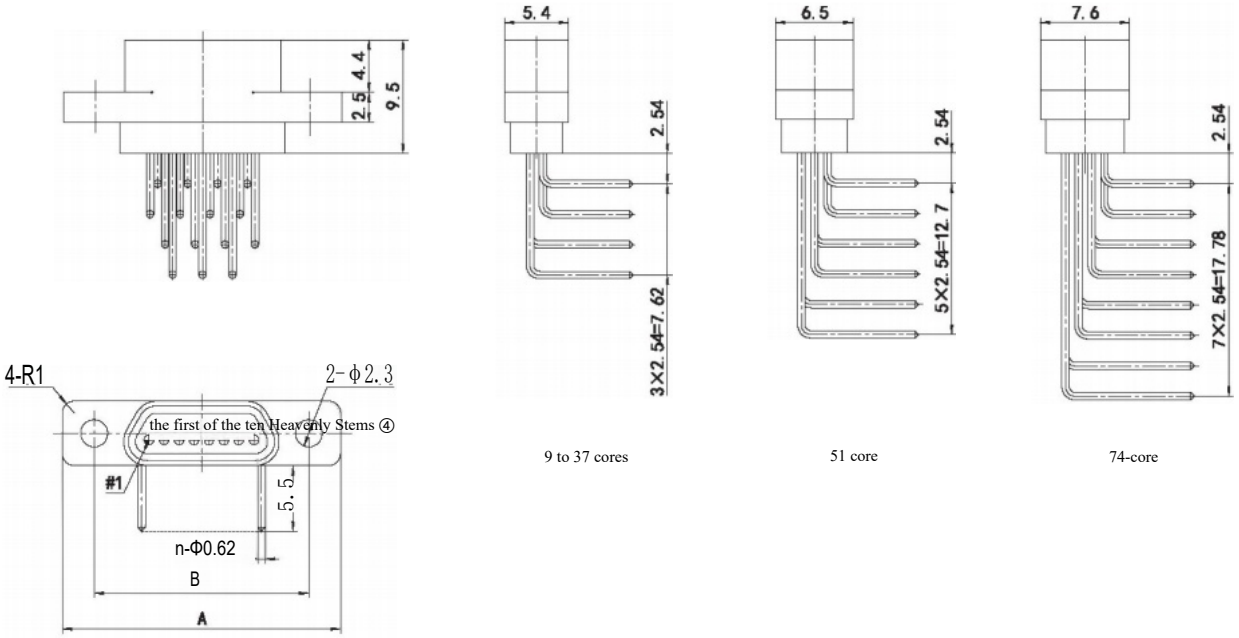


example OF THE MARK

J30-31ZKW(Ln6.150.025)

The symbol indicates: J30 series 31-pin W-type bent PCB socket, equipped with standard screw fasteners (Ln6.150.025).

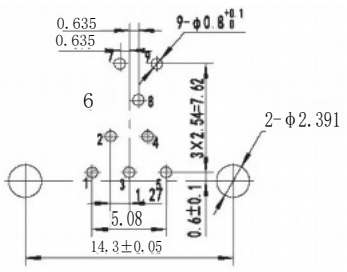
external DIMENSIONS



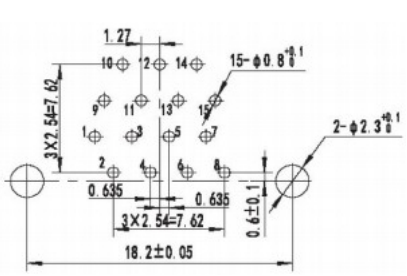
9 to 37 cores　　51 core　　74-core

Product model	n	A	B	Product model	n	A	B
J30-9ZKW	9	19.8	14.3	J30-31ZKW	31	33.7	28.3
J30-15ZKW	15	23.6	18.2	J30-37ZKW	37	37.5	32.2
J30-21ZKW	21	27.5	22	J30-51ZKW	51	36.3	30.8
J30-25ZKW	25	30	24.5	J30-74ZKW	74	38.8	33.5

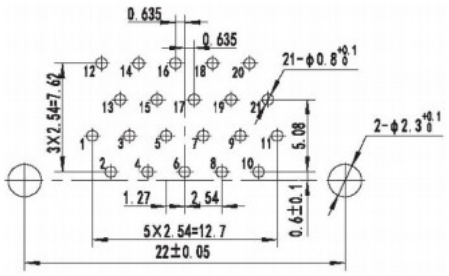
PCB Mounting Hole Size



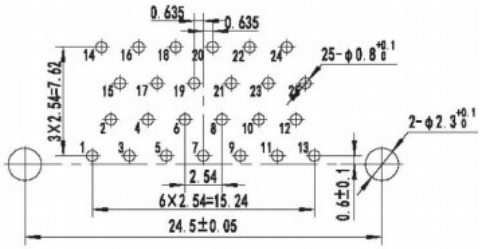
J30-9ZKW



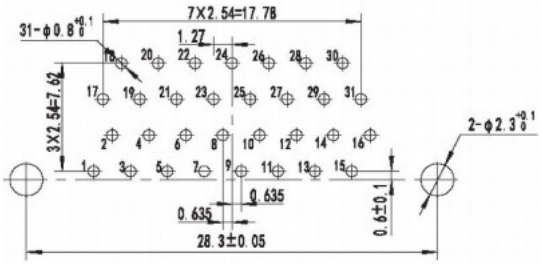
J30-15ZKW



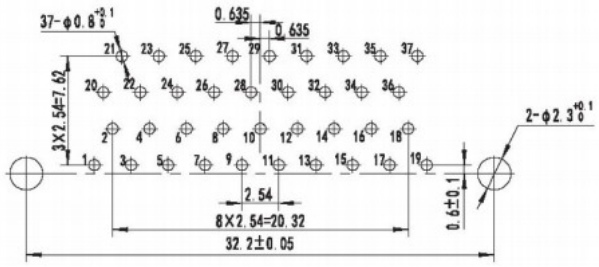
J30-21ZKW



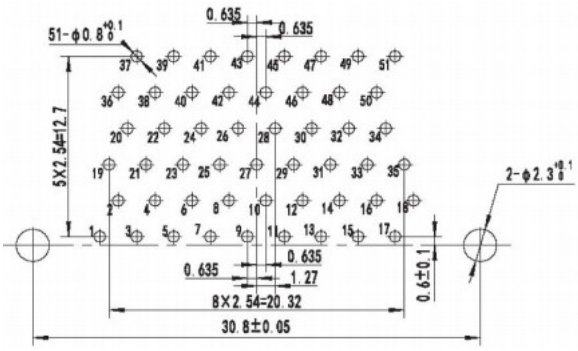
J30-25ZKW



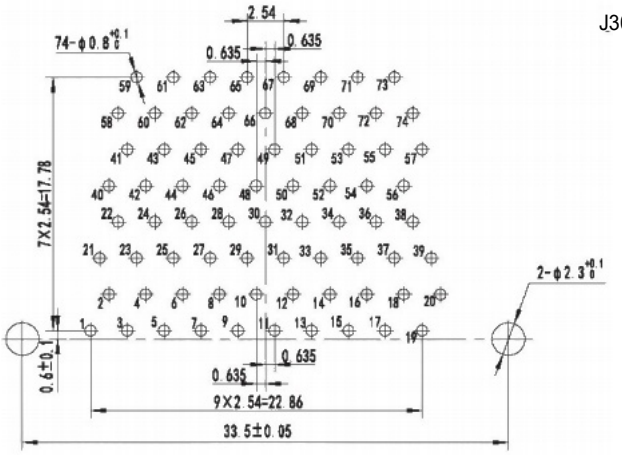
J30-31ZKW



J30-37ZKW



J30-51ZKW

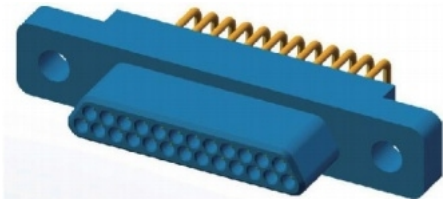


J30-74ZKW

J30, J30G Series W-J Type Bent Printed Circuit Board Plug

order @-@ marking

J30 — n TJ W—J (Attachment Description)
① ② ③ ④ ⑤



① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: TJ—plug with pins;

④ Indicates the end form: W-J type bent printed circuit board;

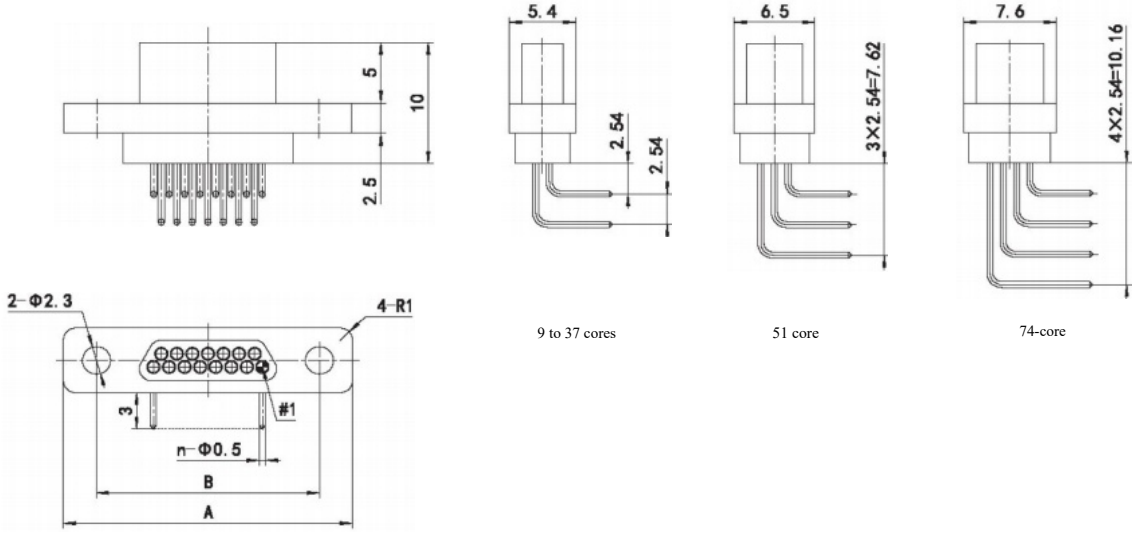
⑤ Attachment Notes: Installation Screw Accessories (Ln6.150.025), Installation Screw Accessories (Ln6.150.026)

example OF THE MARK

J30-31TJW-J(Ln6.150.025)

The above symbol indicates: J30 series 31-pin W-J type bent PCB plug, equipped with standard screw accessories (Ln6.150.025).

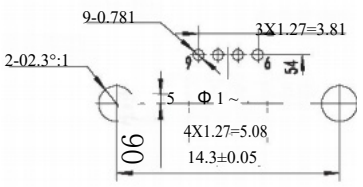
external DIMENSIONS



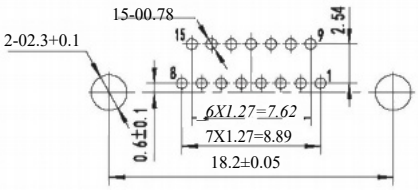
9 to 37 cores　　51 core　　74-core

Product model	n	A	B	Product model	n	A	B
J30-9TJW-J	9	19.8	14.3	J30-31TJW-J	31	33.7	28.3
J30-15TJW-J	15	23.6	18.2	J30-37TJW-J	37	37.5	32.2
J30-21TJW-J	21	27.5	22	J30-51TJW-J	51	36.3	30.8
J30-25TJW-J	25	30	24.5	J30-74TJW-J	74	38.8	33.5

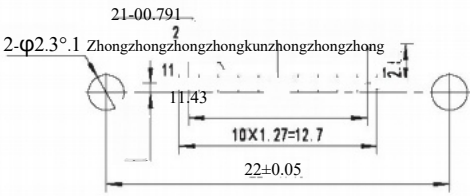
PCB Mounting Hole Size



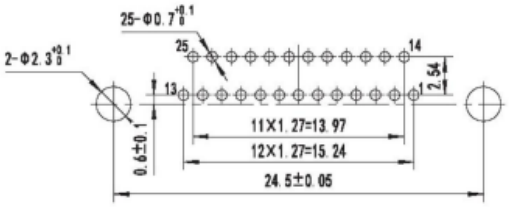
J30-9TJW-J



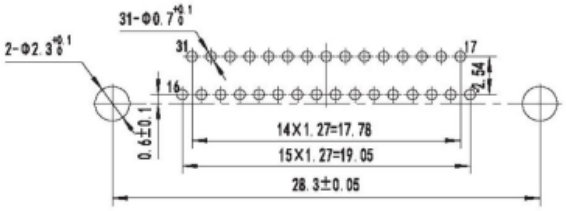
J30-15TJW-J



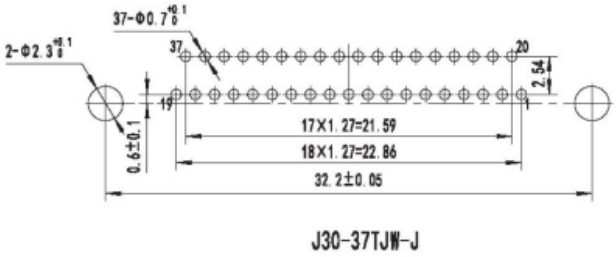
J30-21TJW-J



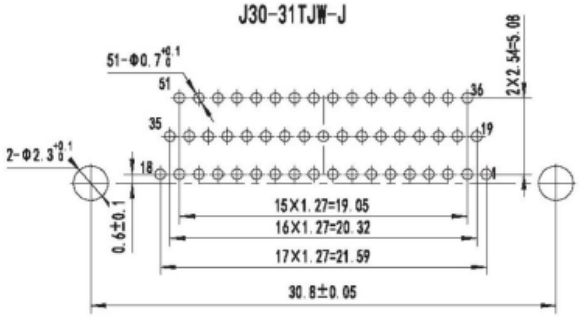
J30-25TJW-J



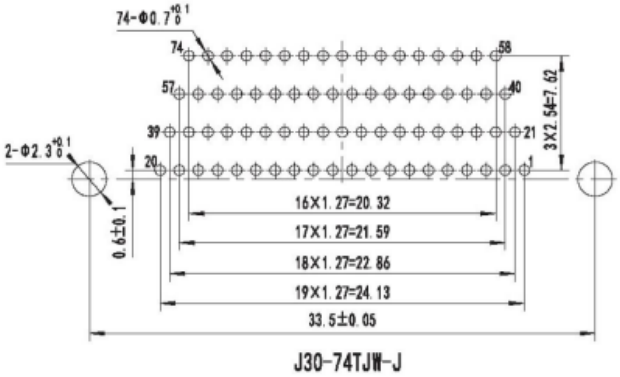
J30-31TJW-J



J30-37TJW-J



J30-51TJW-J

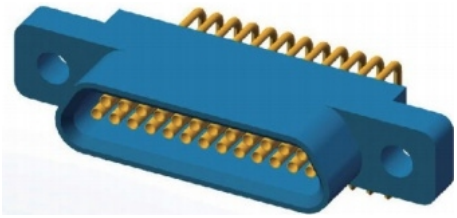


J30-74TJW-J

J30, J30G Series W-J Type Bent Printed Circuit Board Socket

order @-@ marking

J30 — n ZK W—J (Attachment Description)
① ② ③ ④ ⑤



① Primary designation: J30—Basic type (ambient temperature-55~+125℃); J30G—High-temperature resistant type (ambient temperature-55~+185℃)

② Number of contacts: 9, 15,21,25,31,37,51,74

③ Type of connector and contact: ZK—socket with plug hole;

④ Indicates the end form: W-J type bent printed circuit board;

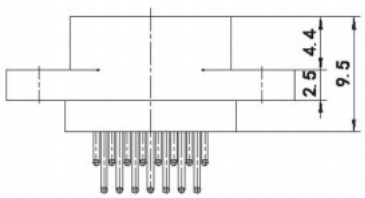
⑤ Attachment Notes: Installation Screw Accessories (Ln6.150.025), Installation Screw Accessories (Ln6.150.026)

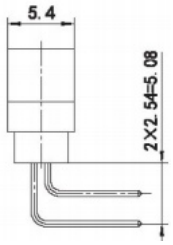
example OF THE MARK

J30-31ZKW-J(Ln6.150.025)

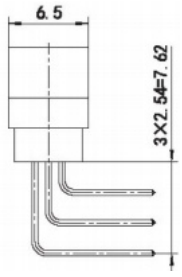
The symbol indicates: J30 series 31-pin W-J type bent PCB socket, equipped with standard screw fasteners (Ln6.150.025).

external DIMENSIONS

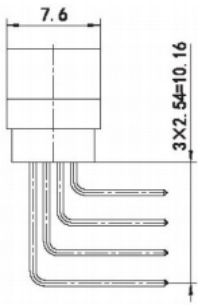




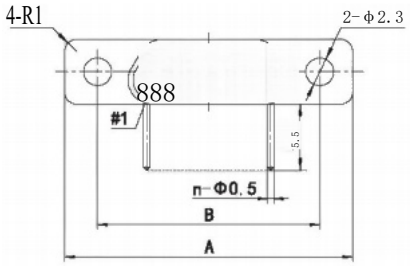
9 to 37 cores



51 core

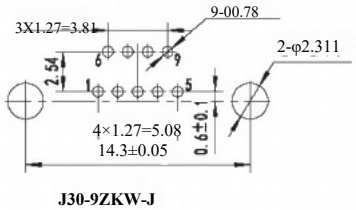


74-core

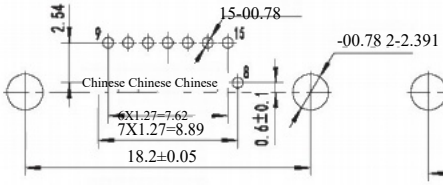


Product model	n	A	B	Product model	n	A	B
J30-9ZKW-J	9	19.8	14.3	J30-31ZKW-J	31	33.7	28.3
J30-15ZKW-J	15	23.6	18.2	J30-37ZKW-J	37	37.5	32.2
J30-21ZKW-J	21	27.5	22	J30-51ZKW-J	51	36.3	30.8
J30-25ZKW-J	25	30	24.5	J30-74ZKW-J	74	38.8	33.5

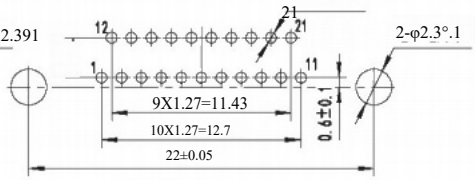
PCB Mounting Hole Size



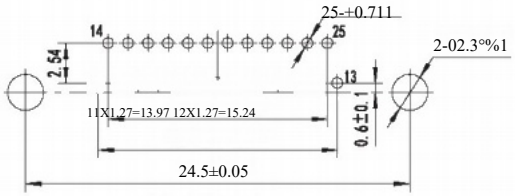
J30-9ZKW-J



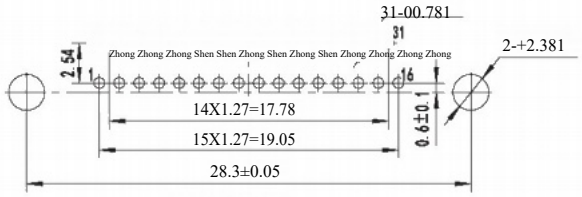
J30-15ZKW-J



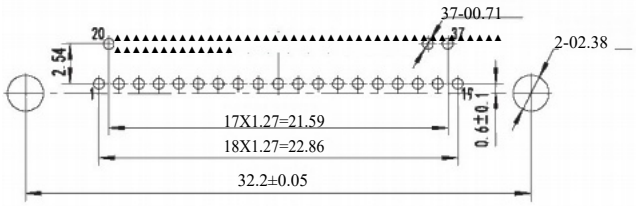
J30-21ZKW-J



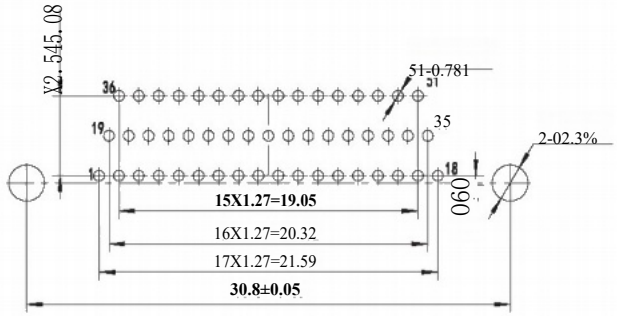
J30-25ZKW-J



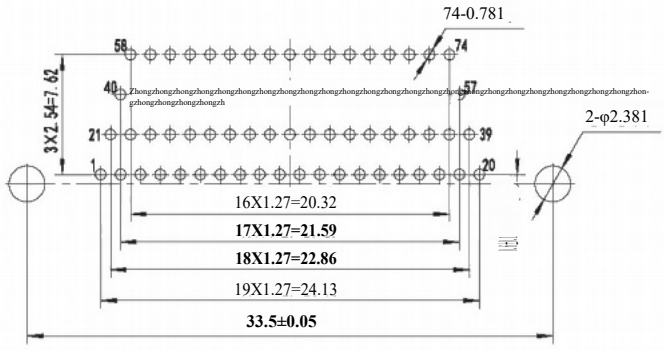
J30-31ZKW-J



J30-37ZKW-J



J30-51ZKW-J



J30-74ZKW-J

J30 Series Installation Locking Assembly Introduction

J30 Component Description

J30 components come in various forms to meet the installation and locking requirements of products, and can be ordered separately as needed.

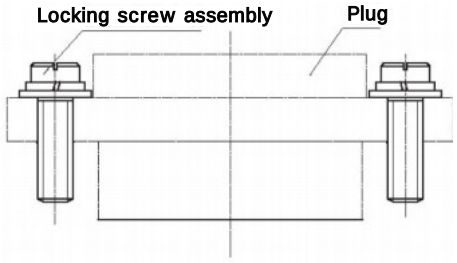
J30 components are divided into two types according to their uses: locking components and installation components.

The locking assembly is generally used when the product docking needs reliable locking, and it is usually installed at the free end of the wire stripper connector, which can be used in the basic type of crimping series products.

The mounting assembly, which is typically mounted on the fixed end of the wire stripper connector and the printed circuit board mounting series, is used to attach the product to the mounting panel or printed circuit board.

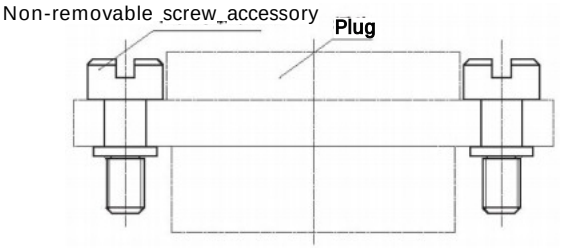
Free-end locked component:

Standard screw assembly (Ln6.480.025)



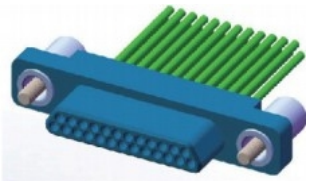
Note: The standard screw assembly is used to connect the free end of the connector. After aligning the plug and socket, the assembly is separately screwed on to achieve locking between the plug and socket. The drawback is that the assembly is prone to loss when separating the plug from the socket.

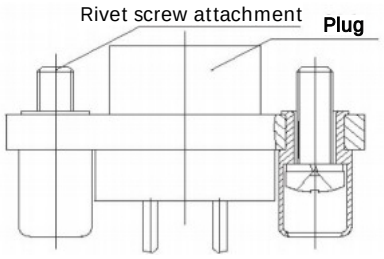
Do not remove the screw assembly (21E6.040.022)



Note: The non-detachable screw assembly is used for the free end of the connector. This assembly achieves both the mating and locking of the plug and socket during the locking process. The drawback is that the mating of the plug and socket and the locking of the assembly must occur simultaneously.

L-Shaped Rivet and Screw Assembly

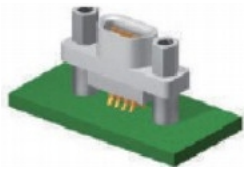


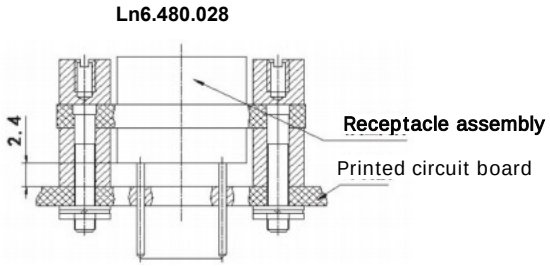


Note: This component overcomes the drawbacks of the two aforementioned types, though it comes with a higher cost.

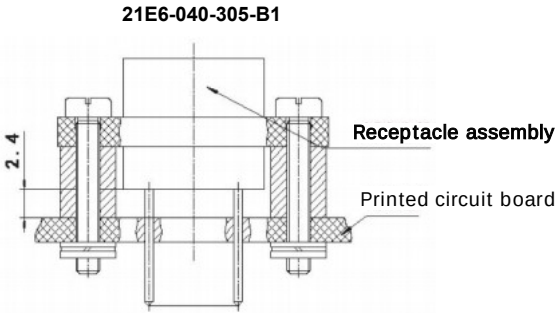
Fixed end components for installation:

Direct-insert PCB mounting screw assembly (Ln6.480.028)



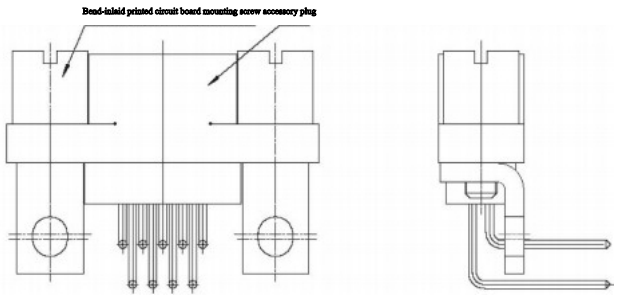


V-type mounting assembly



Note: The Ln6.480.028 installation screw assembly is designed for mounting J30-XXTJN/ZKN, J30-XXTJN1/ZKN1, and J30-XXTJN-J/ZKN-J products.

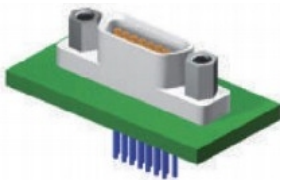
Bend-increase printed circuit board mounting screw assembly (Ln6.150.025, Ln6.150.026)

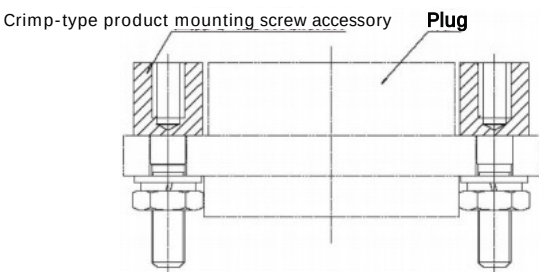


Note: The Ln6.150.025 installation screw assembly is designed for mounting 9-core, 15-core, 21-core, 25-core, 31-core,and 37-core products.

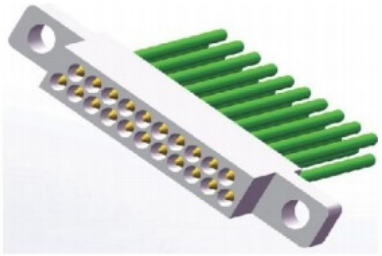
The Ln6.150.026 installation screw assembly is designed for dedicated use in 51-core product assembly.

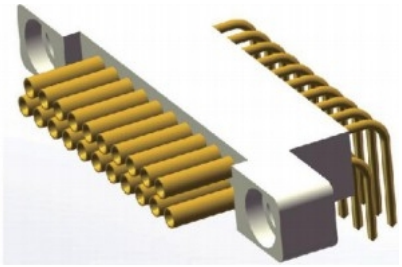
Screw assembly for crimping-type product installation (Ln6.480.003)





Note: This component is designed for installing crimped wire products.





Product Features

★Number of cores: available in seven specifications (9, 15,21,25,31,37, and 51 cores).

★The twisted elastic pins (commonly called twisted pins) were used, with a spacing of 1.27mm and a compact size.

★The base is made of PPS, offering excellent environmental resistance.

★The conductor core cross-sectional area ranges from 0.035mm² to 0.2mm², with 0.1mm² to 0.15mm² recommended.

★The locking assembly of this product series is a fixed combination, with the fixed-end component featuring anti-rotation functionality.

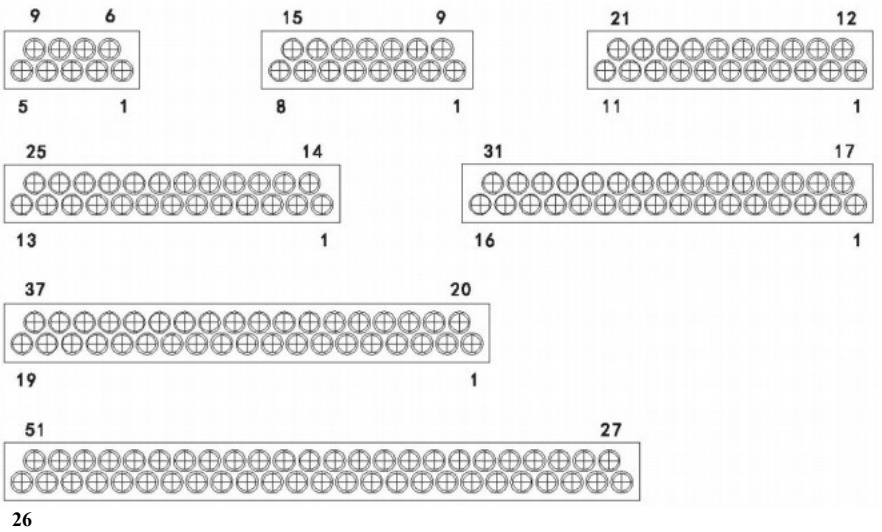
★Product implementation standard: GJB2446A-2011

Q/FY QJ0001-2010 "Detailed Specifications for J30 Series Micro Rectangular Electrical Connectors"

Key technical features

Ambient temperature	-55～+125℃	Contact resistance	≤10mΩ
Relative humidity	+40°C reaches 95%	Insulation resistance	≥5000MΩ
Vibrate	10~2000Hz 196m/s²	Dielectric withstand voltage	800V
Random vibration	The power spectral density is 0.4G²/Hz, and the total acceleration root mean square value is 23.1G.	Mechanical life	500 times
Lash	735m/s²	Instantaneous time	≤1μs
Rated current	3A		

Isochromatogram



Note: The above arrangement is based on a top view of the plug's mating end face.

order @-@ marking

When ordering the J30V2 product, it is usually necessary to specify the required accessories for the product lock or installation. And the code of the required accessories is available.

J30V2 — × TJ/ZK × — ×
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact (fixed combination): TJ-plug-type pin; ZK-socket-type hole

④ Tail form:

No letter one-press N— straight-insert printed circuit board W— bent-insert printed circuit board

⑤ Type of fastener (fasteners cannot be arbitrarily combined; the selected base form of fasteners is also fixed accordingly): L1—M1.6 standard screws

P1—with vertical mounting screws

P2—Horizontal mounting nut with bracket

P3—Support sleeve vertical mounting nut

P4—Horizontal Welded Installation Attachment with Mounting Bracket

P6—Vertical mounting nut with support sleeve (extended from P3)

P7—Connecting nut (not installed, only for locking)

J30V2 Series Crimped Plug

Order Symbol

J30V2 — n TJ — X (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: TJ—plug with pins;

④ Locking mechanism type (selected locking mechanism determines the base form):

L1—M1.6 standard screw; P1—with vertical mounting screws

P2—Horizontal mounting nut with bracket; P7—Connecting nut (not installed, only for locking)

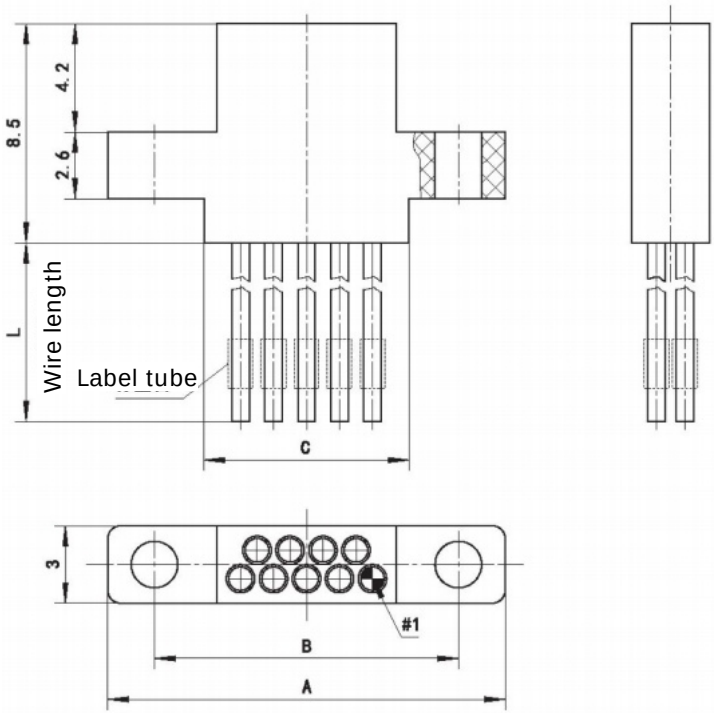
⑤ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire specifications and length are determined by the customer. When selecting a model, the user must specify the wire information in the model. For special wiring requirements, technical documentation must be provided.

Icon Example

J30V2-31TJ-L1 (AFR-250, white, L=300)

The markings indicate: J30V2 series 31-core crimped plug, with L1-type screw fastener. The wire type is AFR-250 white, with a default core cross-section of 0.12mm² and a length of 300mm.

External Dimens-ions



Product model	A	B	C	Product model	A	B	C
J30V2-9TJ	15.3	11.7	7.9	J30V2-31TJ	29.3	25.7	21.9
J30V2-15TJ	19.1	15.5	11.7	J30V2-37TJ	33.1	29.5	25.8
J30V2-21TJ	22.9	19.3	15.5	J30V2-51TJ	42	38.4	34.7
J30V2-25TJ	25.5	21.9	18.1				

J30V2 Series Crimped Socket

order symbol

J30V2 — n ZK — X (Attachment Description)
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: ZK—socket with plug hole;

④ Locking mechanism type (selected locking mechanism determines the base form):

L1—M1.6 standard screw; P1—with vertical mounting screws;

P2—Horizontal mounting nut with bracket; P7—Connecting nut (not installed, only for locking)

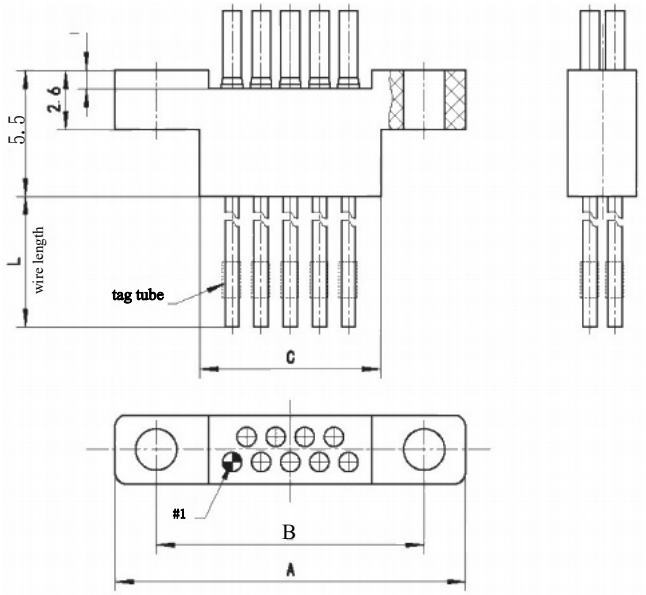
⑤ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire specifications and length are determined by the customer. When selecting a model, the user must specify the wire information in the model. For special wiring requirements, technical documentation must be provided.

Icon example

J30V2-31ZK-P1 (AFR-250, white, L=300)

The above markings indicate: The J30V2 series 31-core crimped socket uses P1-type screw accessories; the white conductor of AFR-250 type is selected, with a default core cross-section of 0.12mm² and a length of 300mm.

External dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9ZK	15.3	11.7	7.9	J30V2-31ZK	29.3	25.7	21.9
J30V2-15ZK	19.1	15.5	11.7	J30V2-37ZK	33.1	29.5	25.8
J30V2-21ZK	22.9	19.3	15.5	J30V2-51ZK	42	38.4	34.7
J30V2-25ZK	25.5	21.9	18.1				

J30V2 Series Welding Plug

Order Symbol

J30V2 — n TJ S — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: TJ—plug with pins;

④ Tail form: S—welded type

⑤ Locking mechanism type (selected locking mechanism determines the base form):

L1—M1.6 standard screw; P1—with vertical mounting screws

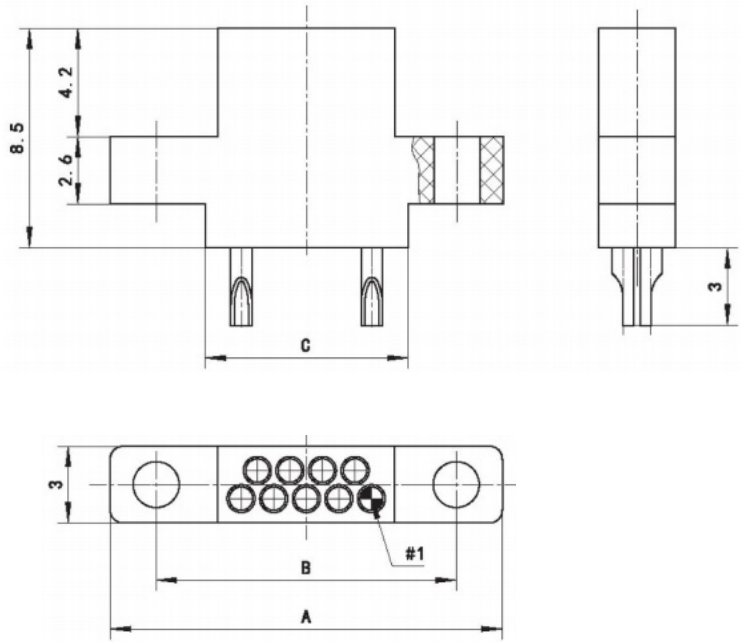
P2—Horizontal mounting nut with bracket; P7—Connecting nut (not installed, only for locking)

Icon Example

J30V2-31TJS-L1

The above markings indicate: The J30V2 series 31-pin soldered plug, equipped with L1-type screw fasteners.

External Dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9TJS	15.3	11.7	7.9	J30V2-31TJS	29.3	25.7	21.9
J30V2-15TJS	19.1	15.5	11.7	J30V2-37TJS	33.1	29.5	25.8
J30V2-21TJS	22.9	19.3	15.5	J30V2-51TJS	42	38.4	34.7
J30V2-25TJS	25.5	21.9	18.1				

J30V2 Series Welding Type Socket

Order Symbol

J30V2 — n ZK S — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: ZK—socket with plug hole;

④ Terminal form: S—welded type

⑤ Locking mechanism type (selected locking mechanism determines the base form)

L1—M1.6 standard screw; P1—with vertical mounting screws

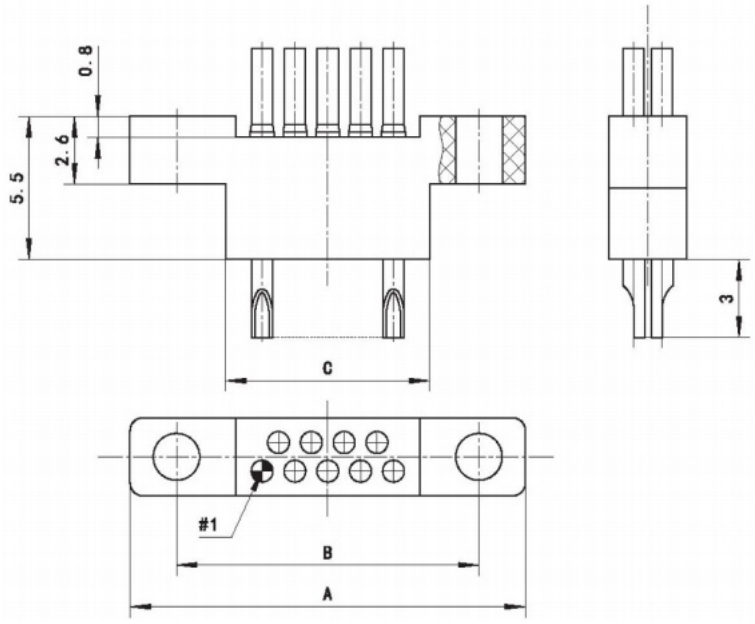
P2—Horizontal mounting nut with bracket; P7—Connecting nut (not installed, only for locking)

Icon Example

J30V2-31ZKS-P1

The above logo indicates: J30V2 series 31-pin soldered socket, equipped with P1-type screw fasteners.

External Dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9ZKS	15.3	11.7	7.9	J30V2-31ZKS	29.3	25.7	21.9
J30V2-15ZKS	19.1	15.5	11.7	J30V2-37ZKS	33.1	29.5	25.8
J30V2-21ZKS	22.9	19.3	15.5	J30V2-51ZKS	42	38.4	34.7
J30V2-25ZKS	25.5	21.9	18.1				

J30V2 Series N-Type Vertical Printed Circuit Board Plug

Order Symbol

J30V2 — n TJ N — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: TJ—plug-in pin

④ Tail form: N—straight printed circuit board

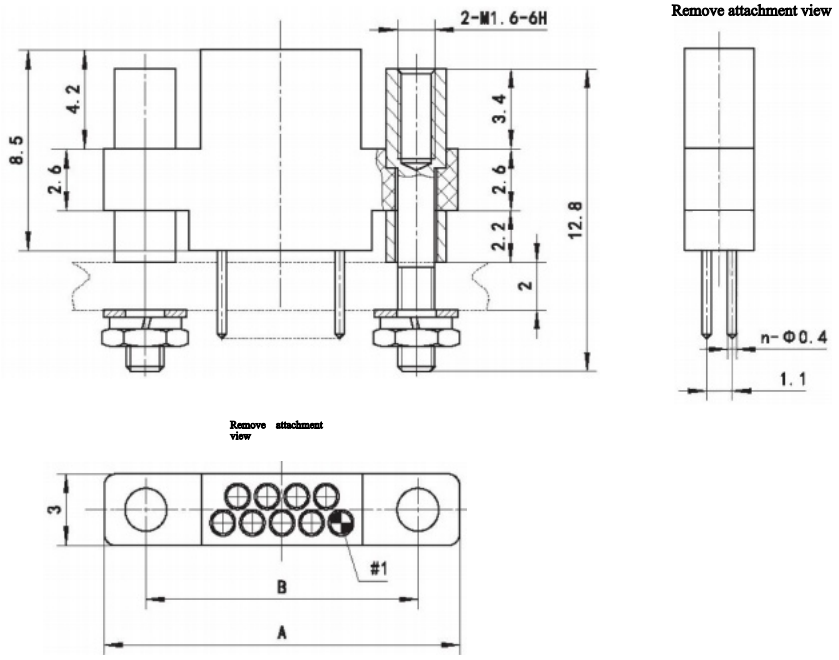
⑤ Type of fastener (the fastener is selected, and the base form is fixed accordingly): P3—vertical mounting screw with support sleeve

Icon Example

J30V2-31TJN-P3

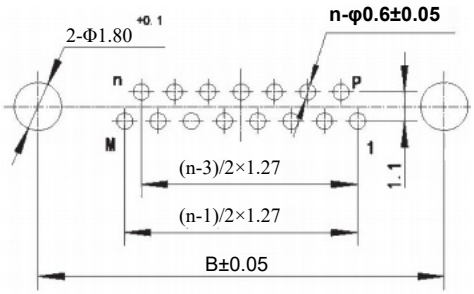
The above logo indicates: J30V2 series 31-pin N-type straight PCB plug, with P3-type screw accessories.

External dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9TJN-P3	15.3	11.7	7.9	J30V2-31TJN-P3	29.3	25.7	21.9
J30V2-15TJN-P3	19.1	15.5	11.7	J30V2-37TJN-P3	33.1	29.5	25.8
J30V2-21TJN-P3	22.9	19.3	15.5	J30V2-51TJN-P3	42	38.4	34.7
J30V2-25TJN-P3	25.5	21.9	18.1				

Direct-insert PCB mounting hole (J30V2-nTJN-P3)



Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9TJN-P3	11.7	5	6	9	J30V2-31TJN-P3	25.7	16	17	31
J30V2-15TJN-P3	15.5	8	9	15	J30V2-37TJN-P3	29.5	19	20	37
J30V2-21TJN-P3	19.3	11	12	21	J30V2-51TJN-P3	38.4	26	27	51
J30V2-25TJN-P3	21.9	13	14	25					

J30V2 Series N-Type Straight Printed Circuit Board Socket

Order Symbol

J30V2 — n ZK N — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Connector and contact type: ZK—socket with plug hole

④ Tail form: N—straight printed circuit board

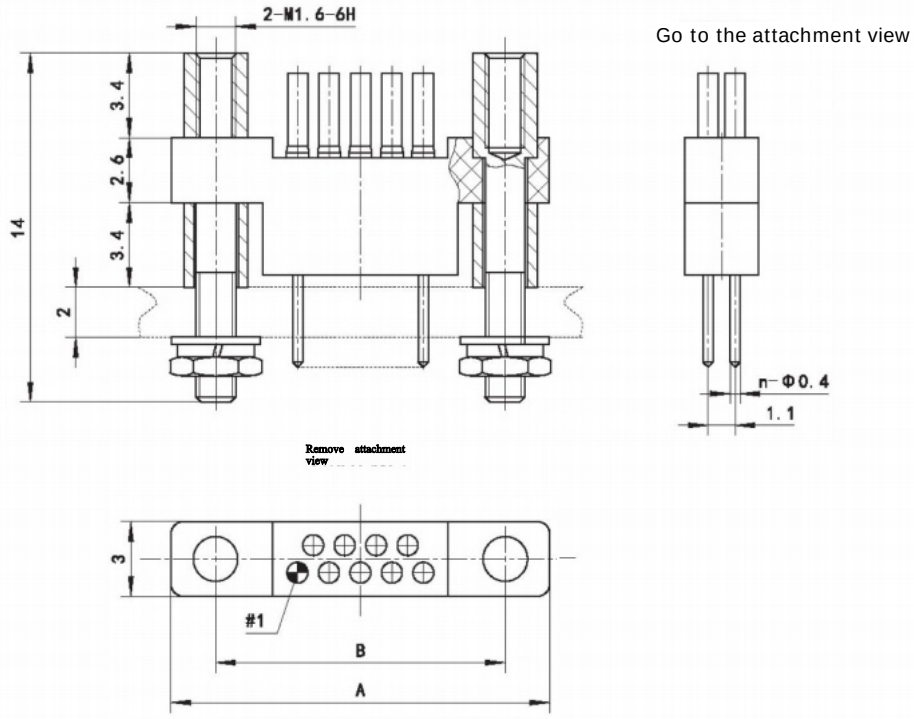
⑤ Locking mechanism type (the base form is fixed when the locking mechanism is selected) P6-Vertical mounting screw with support sleeve

Icon Example

J30V2-31ZKN-P6

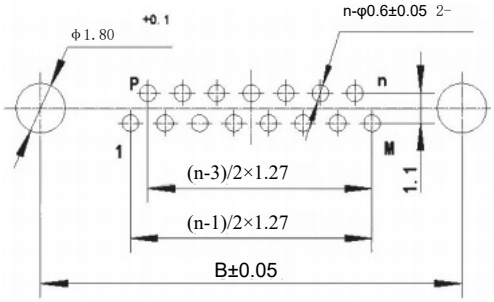
The above logo indicates: J30V2 series 31-pin N-type vertical PCB socket, equipped with P6-type screw fasteners.

External dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9ZKN-P6	15.3	11.7	7.9	J30V2-31ZKN-P6	29.3	25.7	21.9
J30V2-15ZKN-P6	19.1	15.5	11.7	J30V2-37ZKN-P6	33.1	29.5	25.8
J30V2-21ZKN-P6	22.9	19.3	15.5	J30V2-51ZKN-P6	42	38.4	34.7
J30V2-25ZKN-P6	25.5	21.9	18.1				

Direct-insert PCB mounting hole (J30V2-nZKN-P6)



Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9ZKN-P6	11.7	5	6	9	J30V2-31ZKN-P6	25.7	16	17	31
J30V2-15ZKN-P6	15.5	8	9	15	J30V2-37ZKN-P6	29.5	19	20	37
J30V2-21ZKN-P6	19.3	11	12	21	J30V2-51ZKN-P6	38.4	26	27	51
J30V2-25ZKN-P6	21.9	13	14	25					

J30V2 Series W-Shaped Printed Circuit Board Plug

Order Symbol

J30V2 — n TJ W — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: TJ—plug with pins;

④ Tail form: W—bent printed circuit board

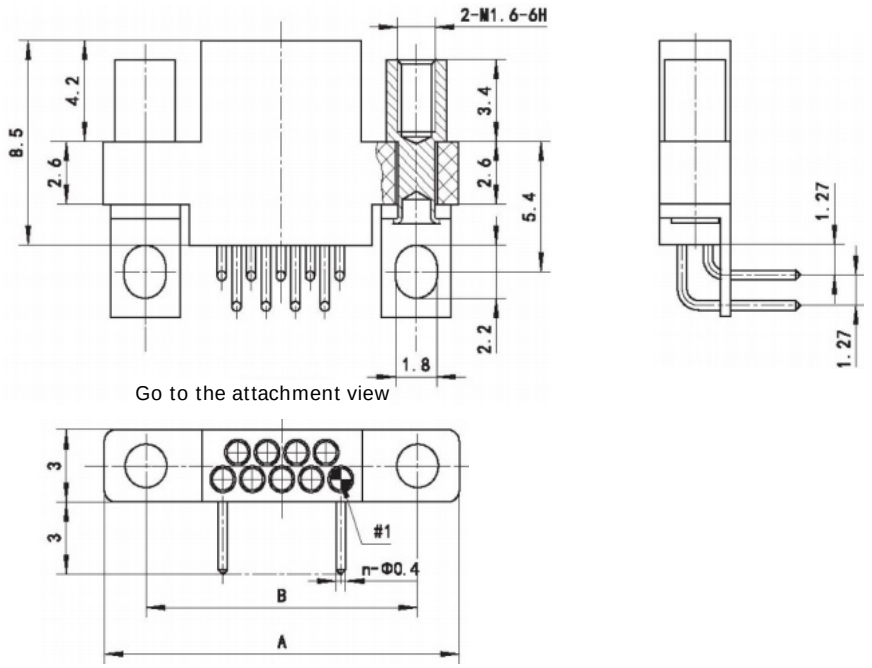
⑤ Locking mechanism type (the base form is fixed when the locking mechanism is selected): P2—horizontal mounting screw with bracket

Icon Example

J30V2-31TJN-P2

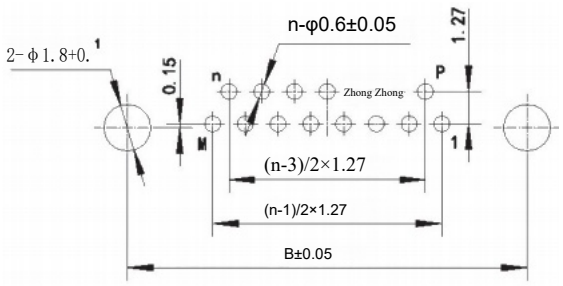
The above logo indicates: The J30V2 series 31-pin W-type bent PCB plug, equipped with P2-type screw accessories.

External Dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9TJW-P2	15.3	11.7	7.9	J30V2-31TJW-P2	29.3	25.7	21.9
J30V2-15TJW-P2	19.1	15.5	11.7	J30V2-37TJW-P2	33.1	29.5	25.8
J30V2-21TJW-P2	22.9	19.3	15.5	J30V2-51TJW-P2	42	38.4	34.7
J30V2-25TJW-P2	25.5	21.9	18.1				

Bend-press printed circuit board installation opening (J30V2-nTJW-P2)



Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9TJW-P2	11.7	5	6	9	J30V2-31TJW-P2	25.7	16	17	31
J30V2-15TJW-P2	15.5	8	9	15	J30V2-37TJW-P2	29.5	19	20	37
J30V2-21TJW-P2	19.3	11	12	21	J30V2-51TJW-P2	38.4	26	27	51
J30V2-25TJW-P2	21.9	13	14	25					

J30V2 Series W Type Bending Printed Circuit Board Socket

Order Symbol

J30V2 — n ZK W — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: ZK—socket with plug hole;

④ Tail form: W—bent printed circuit board

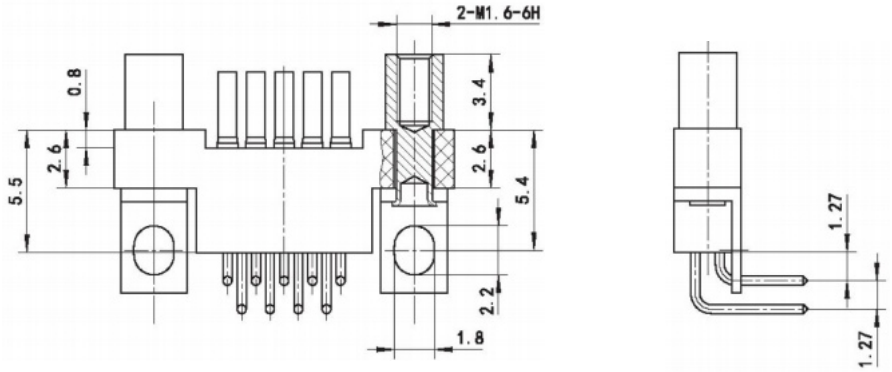
⑤ Locking mechanism type (the base form is fixed when the locking mechanism is selected): P2—horizontal mounting screw with bracket

Icon Example

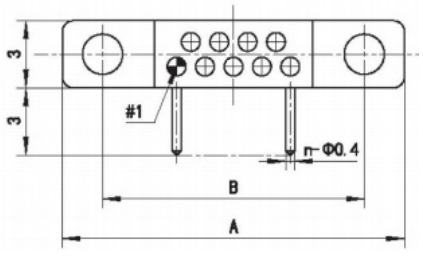
J30V2-31ZKN-P2

The above logo indicates: The J30V2 series 31-pin W-type bent PCB socket, equipped with P2-type screw accessories.

External Dimensions

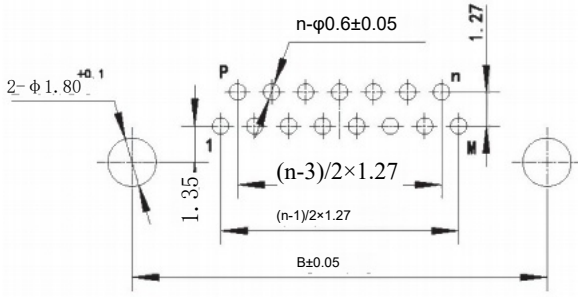


Remove attachment view



Product model	A	B	C	Product model	A	B	C
J30V2-9ZKW-P2	15.3	11.7	7.9	J30V2-31ZKW-P2	29.3	25.7	21.9
J30V2-15ZKW-P2	19.1	15.5	11.7	J30V2-37ZKW-P2	33.1	29.5	25.8
J30V2-21ZKW-P2	22.9	19.3	15.5	J30V2-51ZKW-P2	42	38.4	34.7
J30V2-25ZKW-P2	25.5	21.9	18.1				

Bend-press printed circuit board installation opening (J30V2-nZKW-P2)



Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9ZKW-P2	11.7	5	6	9	J30V2-31ZKW-P2	25.7	16	17	31
J30V2-15ZKW-P2	15.5	8	9	15	J30V2-37ZKW-P2	29.5	19	20	37
J30V2-21ZKW-P2	19.3	11	12	21	J30V2-51ZKW-P2	38.4	26	27	51
J30V2-25ZKW-P2	21.9	13	14	25					

J30V2 Series W-Shaped Printed Circuit Board Plug

Order Symbol

J30V2 — n TJ W — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: TJ— plug with pins;

④ Tail form: W—bent printed circuit board

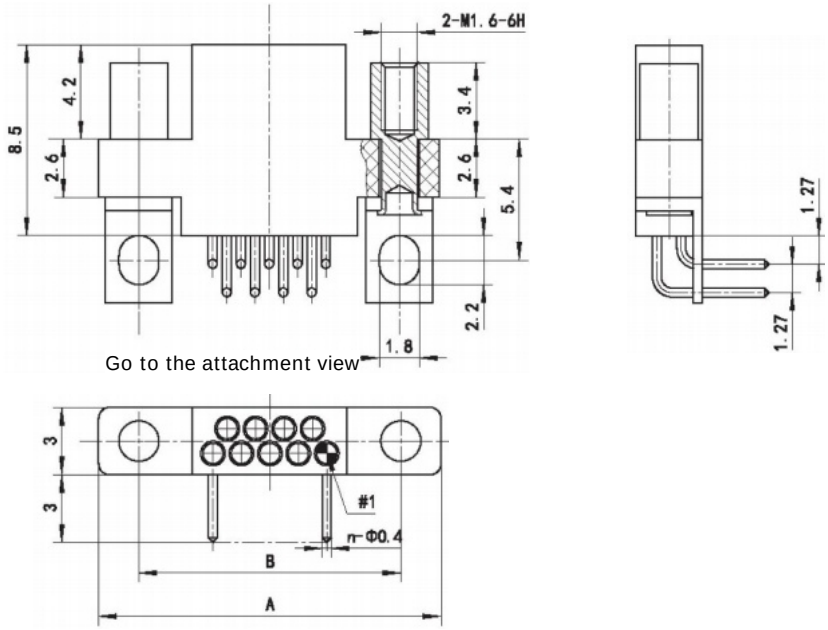
⑤ Type of fastener (the fastener is selected, and the base form is fixed accordingly): P4—horizontal welded installation accessory with mounting bracket

Icon Example

J30V2-31TJN-P4

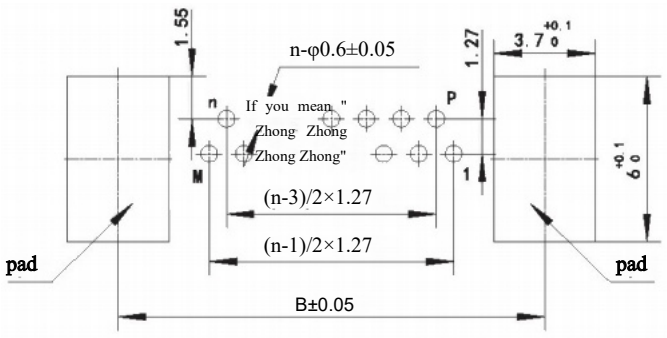
The above logo indicates: The J30V2 series 31-pin W-type bent PCB plug, equipped with P4-type screw accessories.

External Dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9TJW-P4	15.3	11.7	7.9	J30V2-31TJW-P4	29.3	25.7	21.9
J30V2-15TJW-P4	19.1	15.5	11.7	J30V2-37TJW-P4	33.1	29.5	25.8
J30V2-21TJW-P4	22.9	19.3	15.5	J30V2-51TJW-P4	42	38.4	34.7
J30V2-25TJW-P4	25.5	21.9	18.1				

Bend-press printed circuit board installation opening (J30V2-nTJW-P4)



Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9TJW-P4	11.7	5	6	9	J30V2-31TJW-P4	25.7	16	17	31
J30V2-15TJW-P4	15.5	8	9	15	J30V2-37TJW-P4	29.5	19	20	37
J30V2-21TJW-P4	19.3	11	12	21	J30V2-51TJW-P4	38.4	26	27	51
J30V2-25TJW-P4	21.9	13	14	25					

J30V2 Series W Type Bending Printed Circuit Board Socket

Order Symbol

J30V2 — n ZK W — X
① ② ③ ④ ⑤

① Primary designation: J30V2

② Number of contacts: 9, 15,21,25,31,37,51

③ Type of connector and contact: ZK—socket with plug hole;

④ Tail form: W—bent printed circuit board

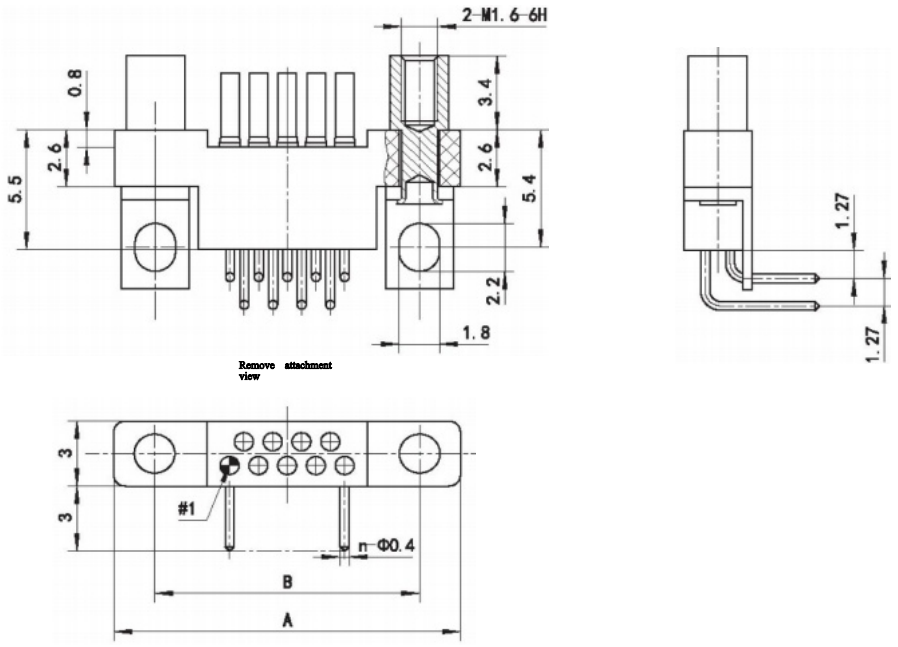
⑤ Type of fastener (the fastener is selected, and the base form is fixed accordingly): P4—horizontal welded installation accessory with mounting bracket

Icon Example

J30V2-31ZKN-P4

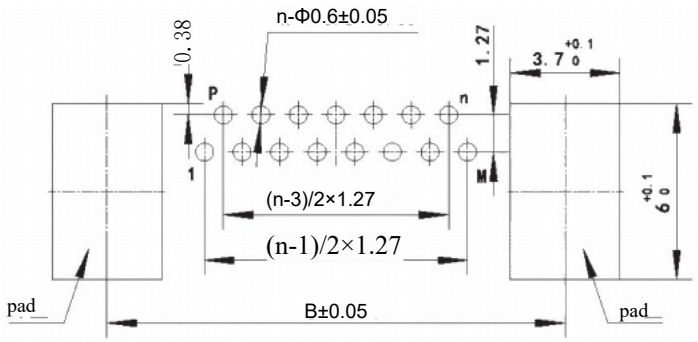
The above logo indicates: The J30V2 series 31-pin W-type bent PCB socket, equipped with P4-type screw accessories.

External dimensions



Product model	A	B	C	Product model	A	B	C
J30V2-9ZKW-P4	15.3	11.7	7.9	J30V2-31ZKW-P4	29.3	25.7	21.9
J30V2-15ZKW-P4	19.1	15.5	11.7	J30V2-37ZKW-P4	33.1	29.5	25.8
J30V2-21ZKW-P4	22.9	19.3	15.5	J30V2-51ZKW-P4	42	38.4	34.7
J30V2-25ZKW-P4	25.5	21.9	18.1				

Bend-press printed circuit board installation opening (J30V2-nZKW-P4)

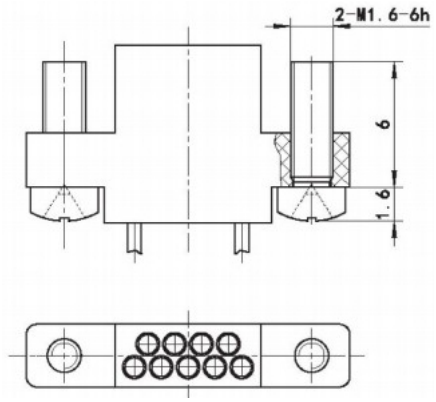


Product model	B	M	P	n	Product model	B	M	P	n
J30V2-9ZKW-P4	11.7	5	6	9	J30V2-31ZKW-P4	25.7	16	17	31
J30V2-15ZKW-P4	15.5	8	9	15	J30V2-37ZKW-P4	29.5	19	20	37
J30V2-21ZKW-P4	19.3	11	12	21	J30V2-51ZKW-P4	38.4	26	27	51
J30V2-25ZKW-P4	21.9	13	14	25					

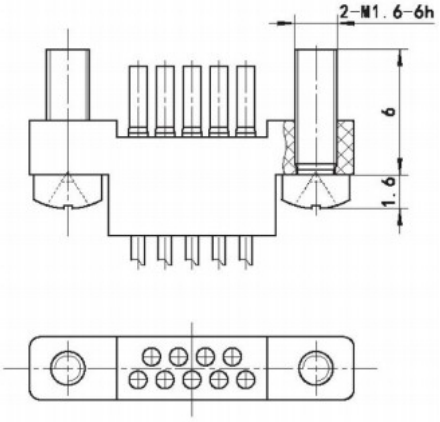
Introduction to J30V2 Series Installation Locking Assembly

free end locking assembly

L1 type locking assembly (for J30V2 crimping series and welding series products).



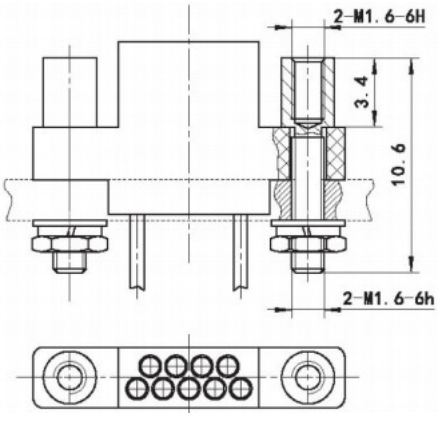
J30V2-xTJ-L1



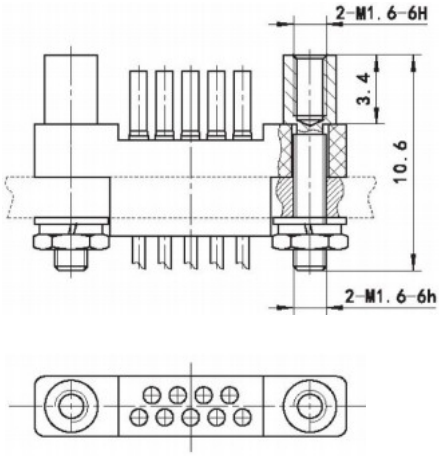
J30V2-xZK-L1

fixed end locking assembly

P1 type locking assembly (for J30V2 crimping series and welding series products).

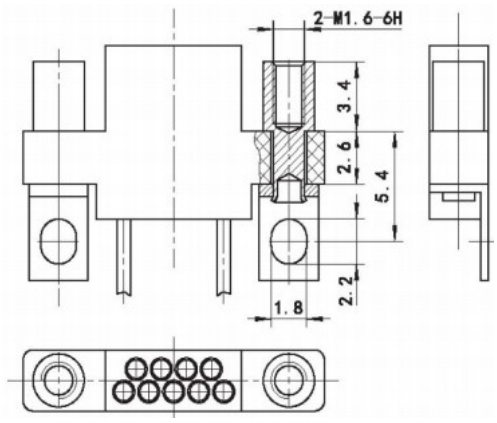


J30V2-xTJ-P1

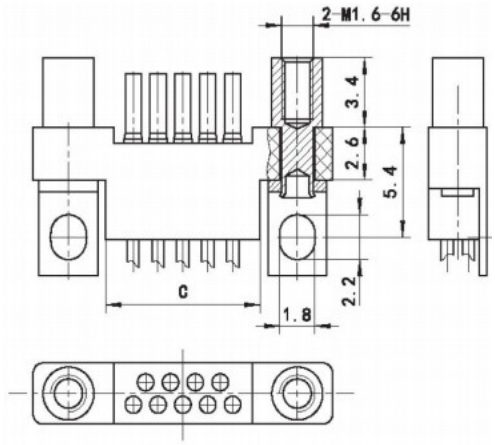


J30V2-xZK-P1

P2 type locking assembly (for J30V2 crimping series, welding series, and bent-insert PCB series products).

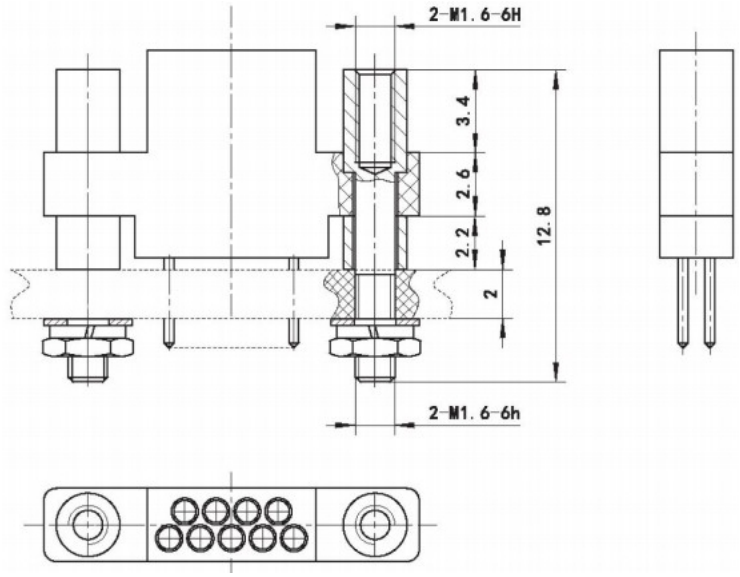


J30V2-xTJ-P2

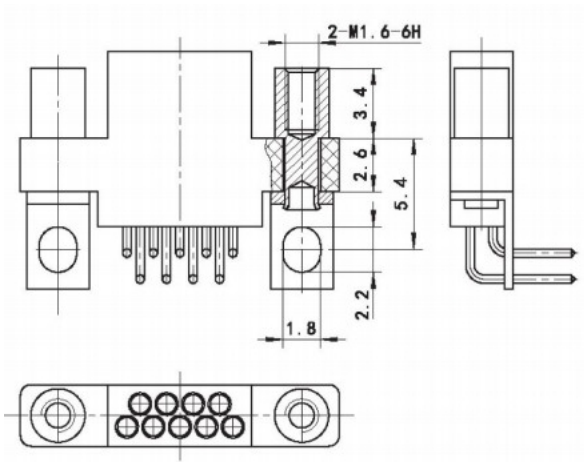


J30V2-xZK-P2

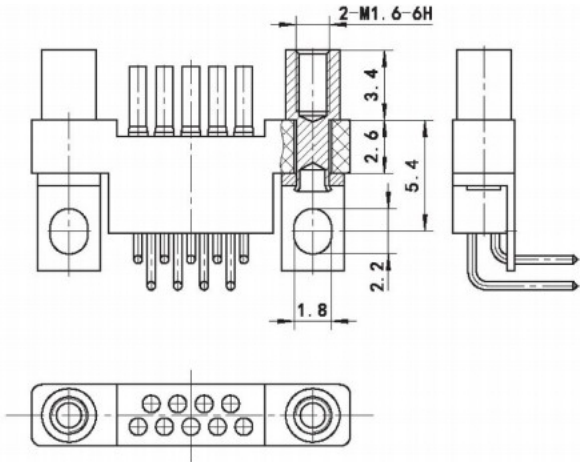
P3 type locking assembly (for J30V2 straight-insert PCB plug products)



P4 type locking assembly (for J30V2 bent-insert PCB series products)

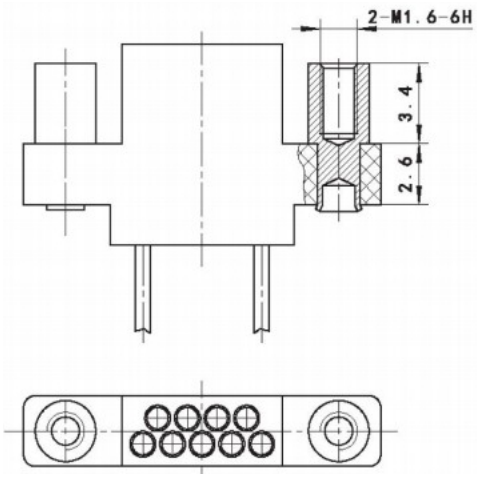


J30V2-xTJW-P4

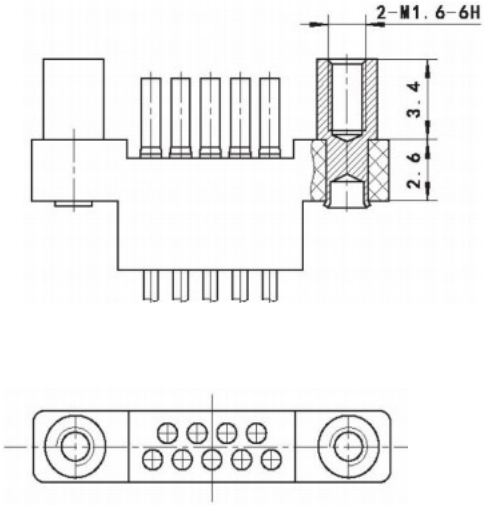


J30V2-xZKW-P4

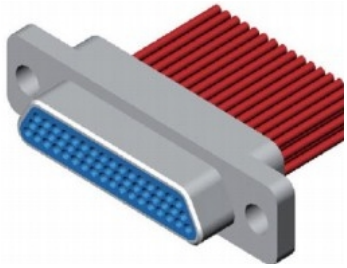
P7 type locking assembly (for J30V2 crimping series and welding series products).

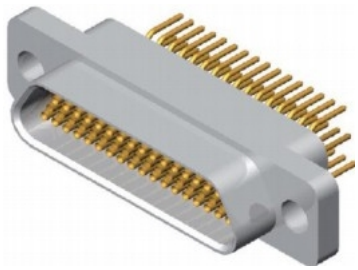


J30V2-xTJ-P7



J30V2-xZK-P7





Product Features

★Corresponding to the MDM series products in the United States;

★Number of cores: available in twelve specifications including 9, 15,21,25,31,37,51,66,74,100, and 144 cores.

★The twisted elastic pin (twisted pin) was used, and the contact density was high.

★The conductor core cross-sectional area ranges from 0.035mm² to 0.2mm², with 0.1mm² to 0.15mm² recommended.

★The locking assemblies for this product series are supplied assembled with the product as per the order specifications. If the locking assemblies are not required, this should be specified in the contract.

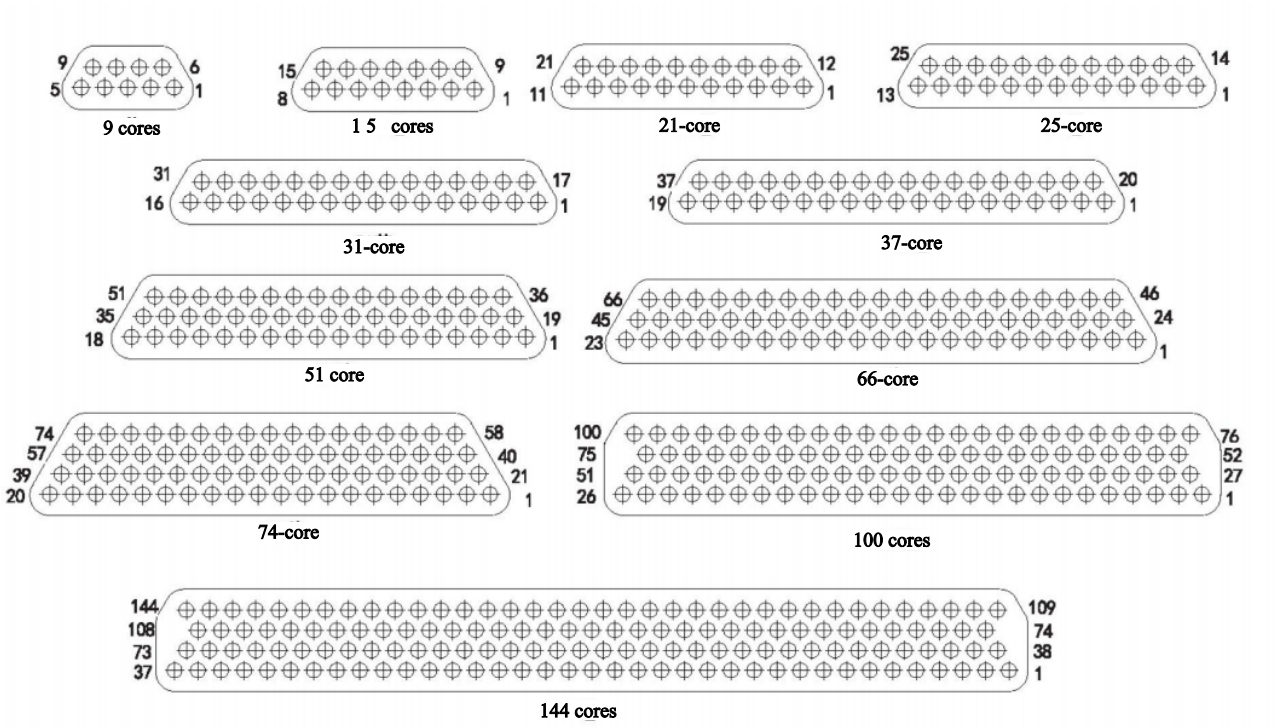
★The product performance complies with GJB2446A-2011 (equivalent to MIL-C-83513).

★The enterprise standard Q/FY QJ0001-2010 'Detailed Specification of J30J Series Micro Rectangular Electrical Connectors' is implemented.

Key technical features

Ambient temperature	-55~+125℃	Contact resistance	≤10mΩ
Relative humidity	+40°C reaches 95%	Insulation resistance	≥5000MΩ
Vibrate	10~2000Hz 196m/s²	Dielectric withstand voltage	800V
Lash	735m/s²	Mechanical life	500 times
Accelerated speed	735m/s²	Instantaneous time	≤1μs
Rated current	3A		

contact arrangement



Order Symbol

J30J	X	–	X	TJ/ZK	X	X	–	X	X	additional NOTE
①	②		③	④	⑤	⑥		⑦	⑧	

① Series primary designation:

J30J – Basic model J30JC-Nickel-plated copper

J30JS Stainless Steel Passivation

② Series modifications:

Unlabeled Basic Type A fast lock type

E-cortical type M1 adhesive sealant product

R: Reverse installation of pins and holes; D: Change of through holes in the housing to M2 threaded holes

G series high temperature resistant products

③ Number of contacts:

9、15、21、25、31、37、51、66、74、100、144

④ Connector and contact type:

TJ one-pin plug ZK – socket with plug holes

ZJ one socket plug-in pin TK plug-in socket

⑤ Tail form:

unmarked crimping type S-welded type

N, N3, N4, N8, N12 – straight-line printed circuit board with a grid pitch of 2.54×2.54

W, W6 single bend PCB with grid spacing of 2.54×2.54

⑥ Locking and installation component type:

Default locking component (with wire plug or solder wire plug defaults to L-type, with wire socket or solder wire socket defaults to P-type, curved PCB defaults to P7 type, straight PCB defaults to P5 type)

Y does not provide a locking assembly

Standard locking assemblies, such as L, P, and K types, are detailed in J30J: Locking and Installation Components-Types and Instructions

⑦ Modified product label:

A, A5: A product wire with an anti-wave sheath, featuring a wire clamping plate at the tail end

D-Shell with Anti-rotation Structure

D2-screw compression spring with screw-locking structure, plug with wire clamp

G-Cadmium plating on the surface of the shell

The grid spacing of J-1 printed circuit board is changed to 1.27×2.54

Q, Q8, (9.6), (11.6) – Flange widening of the housing

⑧ Attachment ID

A1 Tail Wire Clamp Attachment (Only for Wire-Pressing and Wire-Welding Products)

A2 Tail wire clamp accessory (for Q8 type crimping and Q8 type soldering products only) A3 Tail wire clamp accessory (for crimping and soldering products only)

Note: The additional instructions are not part of the order symbol. When selecting, customers should specify the wire specifications (e.g., cross-sectional area, length, and color) in parentheses. For special wiring requirements, please provide the wiring relationship.

example OF THE MARK

J30J-31ZKPGAD (11.6) (Wires: AFR-250,0.12mm², length: 300mm; covered with nylon thread)

The markings indicate the following specifications: 31-contact terminal, socket-type plug-in socket, crimped terminal tip, P-type locking assembly, tail cover and wire clamp, with the entire wire harness enclosed in heat-shrink tubing and shielding mesh. The housing, wire clamp, and tail cover are all cadmium-plated. The housing flange features anti-rotation grooves and measures 11.6mm in width. The wire grade is AFR-250 with a core cross-section of 0.12mm², and the wire length must be at least 300mm. The wire color may vary but must be consistent within the same batch. All holes are crimped with wires (unless otherwise specified in the additional instructions or the wire connection requirements for each hole are not mentioned, which shall be assumed as crimped). The outermost layer of the wire harness is further covered with a nylon wire sleeve. This is a J30J socket.

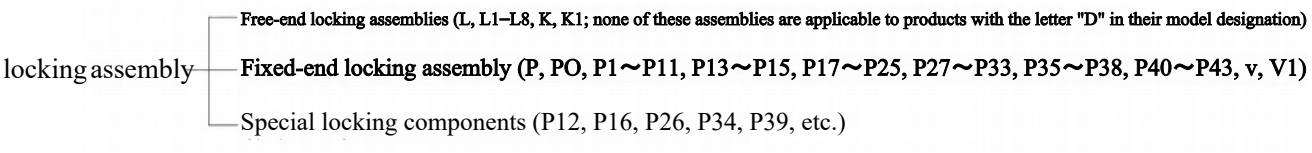
Product Family Tree

Plug and socket types		Basic token		Structure feature description
Crimping type	Fundamental form	Plug	J30J-TJ	Metal casing. Chemical nickel plating. Wire crimping. Straight wire output
		Jack	J30J-ZK	
	Remodel	Plug	J30J-TJ-A	Compared with J30J-TJ/ZK, this product features a straight cable clamp added to the rear and a metal shielding sleeve for the wire harness.
		Jack	J30J-ZK-A	
		Plug	J30J-TJ-A5	Optimized for the J30J-A series. Solves the issue of screw damage and wire puncture during clamp assembly. Recommended for use.
		Jack	J30J-ZK-A5	
		Plug	J30J-TJ-C	Compared with J30J-TJ/ZK, the 90-degree bent wire exit
		Jack	J30J-ZK-C	
		Plug	J30J-TJ-C1	Compared with J30J-TJ/ZK, the wire features a 90-degree bend for cable exit. The harness is enclosed in a metal shielding sheath, with one cable outlet on the same side.
		Jack	J30J-ZK-C1	
		Plug	J30J-TJ-C2	Compared with J30J-TJ/ZK-C1, the exit direction is opposite.
		Jack	J30J-ZK-C2	
		Plug	J30J-TJ-D	Compared with J30J-TJ/ZK, the method involves adding anti-rotation grooves on the plate to prevent the installation screw from rotating together with the locking screw.
		Jack	J30J-ZK-D	
		Plug	J30J-TJ-AD	Compared with J30J-TJ/ZK-A, the method involves adding anti-rotation grooves on the plate to prevent the installation screw from rotating together with the locking screw.
		Jack	J30J-ZK-AD	
		Plug	J30J-TJ-Q	Compared with J30J-TJ/ZK. Method: The diameter and mounting size of the disc were increased to the corresponding dimensions.
		Jack	J30J-ZK-Q	
		Plug	J30J-TJ-Q8	Compared with J30J-TJ/ZK. Method: The diameter and mounting size of the disc were increased to the corresponding dimensions.
		Jack	J30J-ZK-Q8	
		Plug	J30J-TJ(9.6)	Increase the flange width to 9.6. Other dimensions remain unchang-ed.
		Jack	J30J-ZK(9.6)	
		Plug	J30J-TJ(11.6)	Increase the flange width to 11.6. Other dimensions remain unchanged
		Jack	J30J-ZK(11.6)	
		Plug	J30J-TJ-AQ8	Compared with J30J-TJ/ZK-A. Method: The diameter and mounting dimensions were increased to the corresponding size.
		Jack	J30J-ZK-AQ8	
		Plug	J30J-TJ-AQ	Compared with J30J-TJ/ZK-A. Method: The diameter and mounting dimensions were increased to the corresponding size.
		Jack	J30J-ZK-AQ	
	Cadmium series	Plug	J30J-TJ-G	The outer shell coating is changed to military-grade cadmium green. The product exhibits improved salt spray resistance.
		Jack	J30J-ZK-G	
		Plug	J30J-TJ-GA	
		Jack	J30J-ZK-GA	
		Plug	J30J-TJ-GQ	
		Jack	J30J-ZK-GQ	
		Plug	J30J-TJ-GAQ	
		Jack	J30J-ZK-GAQ	
Welding type		Plug	J30J-TJS	The contact is a cup-type solder wire
		Jack	J30J-ZKS	
Vertical printed circuit board		Plug	J30J-TJN	Direct-insert PCB. The grid size of the PCB hole is 2.54×2.54.
		Jack	J30J-ZKN	
		Plug	J30J-TJN-J	Direct-insert PCB. The grid size of the PCB hole is 1.27×2.54.
		Jack	J30J-ZKN-J	
		Plug	J30J-TJN3	Compared with J30J-TJN/ZKN, the length of the pin is extended to 6.7 mm.
		Jack	J30J-ZKN3	

J30J Series Micro Rectangular Electrical Connector

Plug and socket types	Basic token		Structure feature description
Vertical printed circuit board	Plug	J30J-TJN3-J	Compared with J30J-TJN/ZKN-J, the length of the pin is extended to 6.7 mm.
	Jack	J30J-ZKN3-J	
	Plug	J30J-TJN4	Compared with J30J-TJN/ZKN, the length of the pin is extended to 7.2 mm.
	Jack	J30J-ZKN4	
	Plug	J30J-TJN4-J	Compared with J30J-TJN/ZKN-J, the pin length is extended to 7.2 mm.
	Jack	J30J-ZKN4-J	
	Plug	J30J-TJN8	Compared with J30J-TJN/ZKN, the pin length is extended to 8.
	Jack	J30J-ZKN8	
	Plug	J30J-TJN8-J	Compared with J30J-TJN/ZKN-J, the pin length is extended to 8.
	Jack	J30J-ZKN8-J	
	Plug	J30J-TJN12	The product is identical to J30J-TJN4/ZKN4. Guizhou Aerospace Electronics uses N4, while AVIC Optoelectronics uses N12.
	Jack	J30J-ZKN12	
	Plug	J30J-TJN12-J	The product is identical to J30J-TJN4/ZKN4-J. Guizhou Aerospace Electronics is designated as N4, while AVIC Optoelectronics is classified as N12.
	Jack	J30J-ZKN12-J	
	Plug	J30J-TJN-B	The PCB hole size is 1.1×1.27.
	Jack	J30J-ZKN-B	
Flexographic plate	Plug	J30J-TJW	The hole grid size of the printed circuit board is 2.54×2.54.
	Jack	J30J-ZKW	
	Jack	J30J-ZKW(158)	Compared with J30J-ZKW, the distance between the tail pin and the potting surface is reduced by 0.8, which meets the AVIC Optoelectronics standard.
	Plug	J30J-TJW-J	The hole grid size of the printed circuit board is 1.27×2.54.
	Jack	J30J-ZKW-J	
	Jack	J30J-ZKW-J(158)	Compared with J30J-ZKW-J, the distance between the tail pin and the potting surface is reduced by 0.8 mm, meeting the AVIC Optoelectronics standard.
	Plug	J30J-TJW4-J	The tail pin is extended by 3.6 mm based on the J30J-TJ/ZKW-J model.
	Jack	J30J-ZKW4-J	
	Plug	J30J-TJW6-J	The tail pin is extended by 3 units based on the J30J-TJ/ZKW-J model.
	Jack	J30J-ZKW6-J	
Vertical surface mount	Plug	J30J-TJNB-J	The contact is terminated in a vertical surface-mount configuration.
	Jack	J30J-ZKNB-J	
Short case series	Plug	J30JE-TJS	Compared with J30J-TJS/ZKS, the plug housing height is significantly reduced. The socket housing height is reduced by 1.2mm, resulting in a 1.8mm reduction.
	Jack	J30JE-ZKS	
	Plug	J30JE-TJN	Compared with J30J-TJN/ZKN, the plug housing height is reduced by 1.8mm, and the socket housing height by 1.2mm.
	Jack	J30JE-ZKN	
	Plug	J30JE-TJN-J	Compared with J30J-TJN/ZKN,the plug housing height is reduced by 1.8mm. The socket housing height is reduced by 1.2mm.
	Jack	J30JE-ZKN-J	
Quick-lock type	Plug	J30JA-TJ(S)	The product has locking tabs on both sides. Plug and socket
	Jack	J30JA-ZK(S/N/W)	
	Plug	J30J-TJD2	The screw compression spring and screw-locking structure are adopted. The plug is equipped with a wire-clamping accessory (completely interchangeable with Factory 158).
	Jack	J30J-ZKD2	
Inverted type	Plug	J30JR-TJ	Plug into socket.
	Jack	J30JR-ZK	
Gasket seal	Plug	J30JM-TJ	The air leakage rate is 5×10-2 Pa. cm 3 /s
	Jack	J30JM-ZK	
High temperature resist ant series	Plug	J30JG-TJ	The maximum ambient temperature resistance of the connector is 185°C.
	Jack	J30JG-ZK	
Stainless steel shell series	Plug	J30JS-TJ	The shell is made of stainless steel, offering enhanced salt spray resistance. Both s and C1 indicate the stainless steel shell.
	Jack	J30JS-ZK	
Non-magnetic series	Plug	J30J-TJ-WZ	The product is manufactured using non-magnetic materials.
	Jack	J30J-ZK-WZ	

Locking Assembly Pedigree Tree



Product Selection Essentials

When selecting the J30J product, both the plug (socket) assembly and the locking assembly must be chosen. The locking assembly is an essential component of the connector. The wire clamp assembly is optional and can be selected based on requirements.

Furthermore, given that not all plug (socket) assemblies, locking components, and wire clamp assemblies can be freely combined, and considering the product's specific features, the following points should be noted when selecting the J30J product:

1、 The selection of wire clamp assemblies shall comply with the "Wire Clamp Assembly Family Tree" specifications. Furthermore, plug (socket) assemblies equipped with wire clamp assemblies should not be paired with front-panel installation fasteners (i.e., fasteners such as P, P8, P9, etc., designed for front-panel installation), as the wire clamp may prevent the installation panel from being properly installed. If plug (socket) assemblies with wire clamp assemblies are to be paired with rear-panel installation fasteners (i.e., fasteners such as PO, P3, P4, P11, etc., designed for rear-panel installation), the panel thickness must be calculated as "installation panel thickness + 0.7".

2、 The J30J-TJS/ZKS basic plug (socket) assembly comes pre-installed with an A3-type wire clamp. Consequently, its derivative version, the J30 J-TJS/ZKS-G plug (socket) assembly, must also include the A3-type wire clamp by default. To ensure the wire clamp's coating matches the housing's plating, the clamp itself must be cadmium-plated. However, no existing design drawings are available for the cadmium-plated wire clamp. If ordered, temporary drawings will be required for part fabrication. This requirement should be factored into the order cycle determination.

3、 Plug (socket) assemblies with a capital 'D' in their model name cannot be used with locking components such as L, L1-L8, K, or K1.

4、 When installing a bolted fastener assembly (e.g., PO, P3, P4, P11) for back-mounted panels, the panel thickness must be calculated as 'panel thickness + 0.6' for plug (socket) assemblies with a capital 'D' in the model name.

5、 The J30J-TJ/ZK-Q plug (socket) assembly comes with a standard flange interface rubber gasket. This gasket is only required when the assembly is equipped with a fixed-end locking component. If a free-end locking component is installed, the gasket becomes unnecessary. For special locking components, the gasket's necessity depends on whether the component needs to be fixed to the mounting plate. To maintain product consistency, the rubber gasket is included in the factory package regardless of the locking component type.

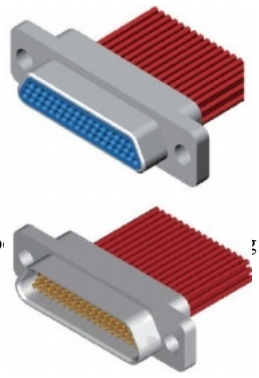
6、 For crimping expansion-type products, all plug (socket) assemblies containing the capital letter 'A' shall be pre-installed with heat shrink tubing and shielding meshsequentially around the entire wire harness.
This requirement shall be specified in the contract unless otherwise stated. If a nylon wire sheath is required for the outermost layer of the wire harness, this shall also be explicitly specified in the contract.

7、 If most holes in the product require connecting to thicker-gauge wires (e.g., AFRP-250 or AFPF-1 shielded wires), assess whether the product's potting cavity and wire clamps (when applicable) have sufficient space. The final determination can only be made after trial assembly.

8、 For products requiring crimping of bare conductors, tinned conductors, or single-core wires, the contract must be a non-standard contract due to the specialized crimping process. The contract should explicitly specify the conductor type. Common examples include AFR-200 wires, 82A01111 and other 82A-series wires, as well as flexible round copper wires.

9、 For unaddressed voids in the product, if no technical agreement exists or prior consensus has not been reached, the voids shall be sealed using unpress-fit wire connectors or pin assemblies.

J30J Series Basic Type



Order Mark

J30J — n TJ/ZK X (Attachment Description)
① ② ③ ④ ⑤

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copp

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100,144

③ Type of connectors and contacts: TJ—plug with pins; ZK—socket with holes.

④ Type of locking and mounting components: Refer to J30J for details.

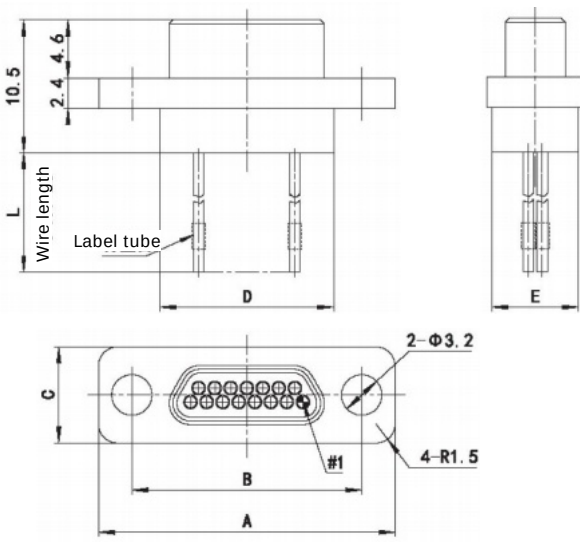
⑤ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection . For special wiring requirements, technical documentation must be provided.

example OF THE MARK

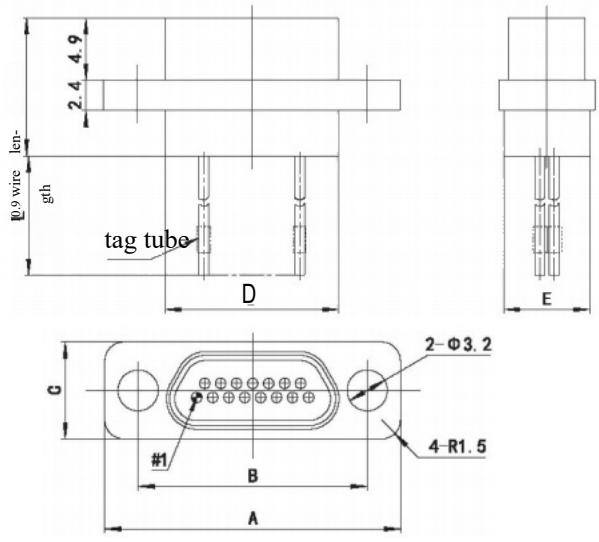
J30J-31TJL (AFR-250, white, L=300)

The markings indicate: The J30J series 31-core crimped plug uses L-type locking and installation components; the white AFR-250 type wire is selected, with a default core cross-section of 0.12mm² and a length of 300mm.

outline dimension：



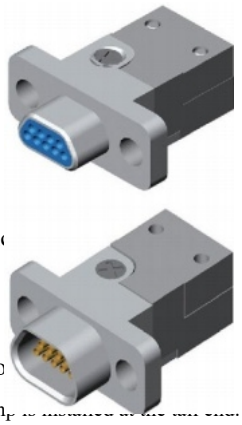
J30J-nTJ



J30J-nZK

Product model	A	B	C	D	E
J30J-9TJ/ZK	19.6	14.3	7.6	9.9	6.8
J30J-15TJ/ZK	23.5	18.2	7.6	13.8	6.8
J30J-21TJ/ZK	27.4	22	7.6	17.6	6.8
J30J-25TJ/ZK	29.8	24.5	7.6	20.2	6.8
J30J-31TJ/ZK	33.6	28.3	7.6	24	6.8
J30J-37TJ/ZK	37.4	32.2	7.6	27.8	6.8
J30J-51TJ/ZK	36.4	30.86	8.7	26.6	7.9
J30J-66TJ/ZK	42.9	37.3	8.7	33	7.9
J30J-74TJ/ZK	38.8	33.5	9.7	29.1	9.1
J30J-100TJ/ZK	54.7	45.7	9.7	36.6	9.1
J30J-144TJ/ZK	66.6	58.6	9.7	50.7	9.1

J30J Series crimping A screen



type order mark

J30J — n TJ/ZK X — A (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—nickel plating on aluminum alloy J30JS—passivation of stainless steel J30JC—ni

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100,144

③ Connector and contact types: TJ—plug-type pin; ZK—socket-type hole.

④ Locking and installation component types: Refer to J30J for details on component types and usage instructio

⑤ Modified product identification: A— The product conductor is fully covered with a waveproof sleeve, and a shielding wire clam

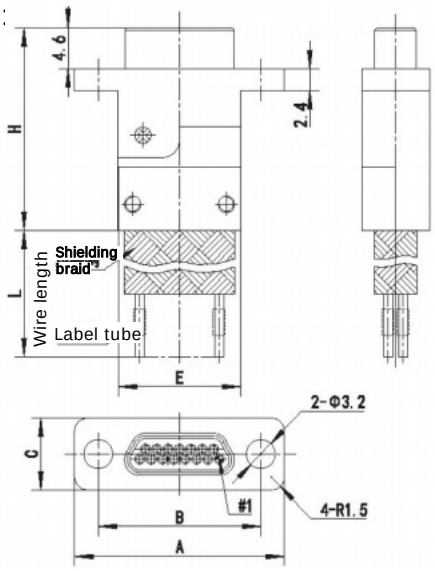
⑥ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

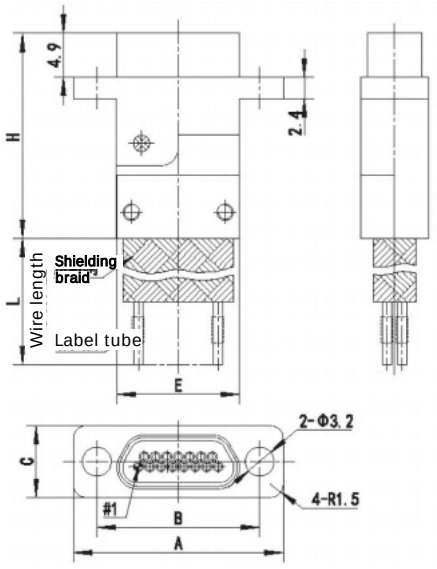
J30J-31TJL-A (AFR-250, white, L=300)

The above marks indicate:J30J series 31-core A type crimping plug, using L type locking and installation components; using AFR-250 type white wire, core wire cross-section area:default is 0.12mm²,wire length:L=300mm.

outline dimension :



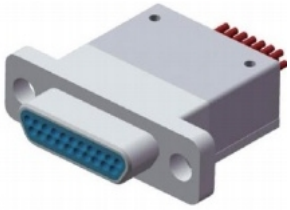
J30J-TJ-A

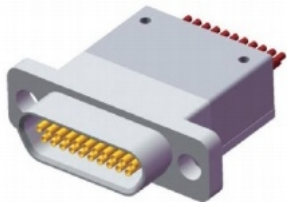


J30J-ZK-A

Product model	A	B	C	E	H	
					TJ-A	ZK-A
J30J-9TJ/ZK-A	19.6	14.3	8	9.9	23	23.5
J30J-15TJ/ZK-A	23.5	18.2	8	13.8	23	23.5
J30J-21TJ/ZK-A	27.4	22	8	17.6	23	23.5
J30J-25TJ/ZK-A	29.8	24.5	8	20.2	23	23.5
J30J-31TJ/ZK-A	33.6	28.3	8	24	23	23.5
J30J-37TJ/ZK-A	37.4	32.2	8	27.8	23	23.5
J30J-51TJ/ZK-A	36.4	30.86	9	26.6	23	23.5
J30J-66TJ/ZK-A	42.9	37.3	9	33	23	23.5
J30J-74TJ/ZK-A	38.8	33.5	11	29.1	25	25.5
J30J-100TJ/ZK-A	54.7	45.7	11	36.8	25	25.5
J30J-144TJ/ZK-A	66.6	58.6	11	50.7	25	25.5

J30J Series Crimp-A5 Screen





Order Mark

J30J — n TJ/ZK X — A5 (Attachment Description)
① ② ③ ④ ⑤ ⑥

① Main designation: J30J—nickel plating on aluminum alloy J30JS—passivation of stainless steel J30JC—nickel plating on copper

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100,144

③ Type of connector and contact: TJ—plug with pins; ZK—socket with holes.

④ Locking and installation component types: Refer to J30J for details on component types and usage instructions.

⑤ Modified product designation: A5—J30J—A. This upgraded version completely resolves the wire clamp's screw-induced wire damage during assembly. All other dimensions remain identical to J30J-A, making it the recommended choice.

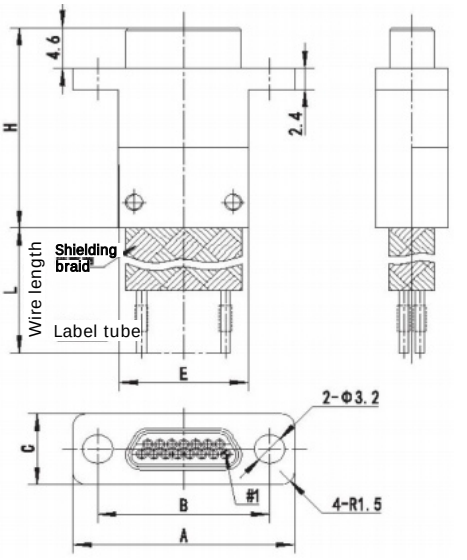
⑥ Additional Note:The product is compatible with conductor specifications ranging from 0.0 3 5mm² to 0.2mm².It is recommended to use 0.1mm² to 0.15mm²,with 0.12mm² as the default. The conductor length is defined by the customer, and the user must specify the conductor information in the model when selecting the type. If there are special wiring requirements, technical documentation must be provided.

example OF THE MARK

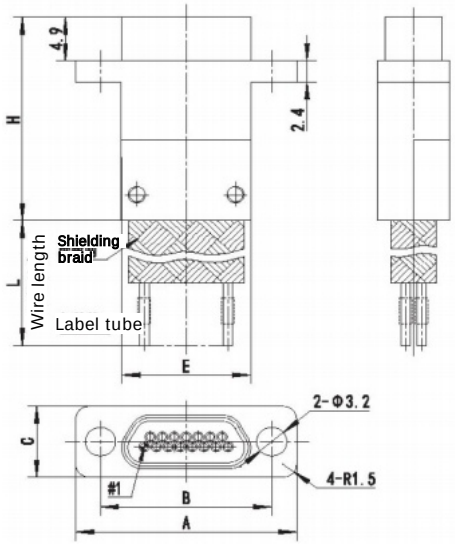
J30J-31TJL-A5 (AFR-250, white, L=300)

The above indicates:J30J series 3 1 -core-A5 type crimped plug, with L type lock and installation components selected; white AFR-250 type guide wire selected, core wire cross section area:default is 0.12mm²,guide wire length:L=300mm.

outline dimension：



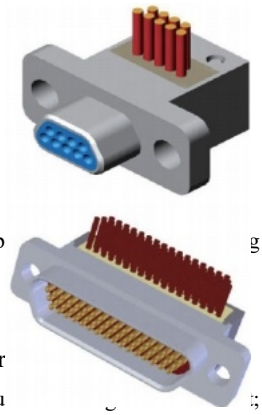
J30J-TJ-A5



J30J-ZK-A5

Product model	A	B	C	E	H	
					TJ-A5	ZK-A5
J30J-9TJ/ZK-A5	19, 6	14. 3	8	9. 9	23	23. 5
J30J-15TJ/ZK-A5	23. 5	18. 2	8	13. 8	23	23. 5
J30J-21TJ/ZK-A5	27. 4	22	8	17. 6	23	23. 5
J30J-25TJ/ZK-A5	29. 8	24. 5	8	20. 2	23	23. 5
J30J-31TJ/ZK-A5	33. 6	28. 3	8	24	23	23. 5
J30J-37TJ/ZK-A5	37. 4	32. 2	8	27. 8	23	23. 5
J30J-51TJ/ZK-A5	36. 4	30. 86	9	26. 6	23	23. 5
J30J-66TJ/ZK-A5	42. 9	37. 3	9	33	23	23. 5
J30J-74TJ/ZK-A5	38. 8	33. 5	11	29. 1	25	25. 5
J30J-100TJ/ZK-A5	54. 7	45. 7	11	36. 8	25	25. 5
J30J-144TJ/ZK-A5	66. 6	58. 6	11	50. 7	25	25. 5

J30J Series



Crimping-C Order Mark

J30J — n TJ/ZK X — C (Attachment Description)
① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copp g

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Type of connector and contact: TJ—plug with pins; ZK—socket with holes.

④ Type of locking and installation components: Refer to J30J for details on component types and usage instr

⑤ Modified product identification: C— Wires with 90℃ bent outlet, plug products with small surface outlet, socket produ ;

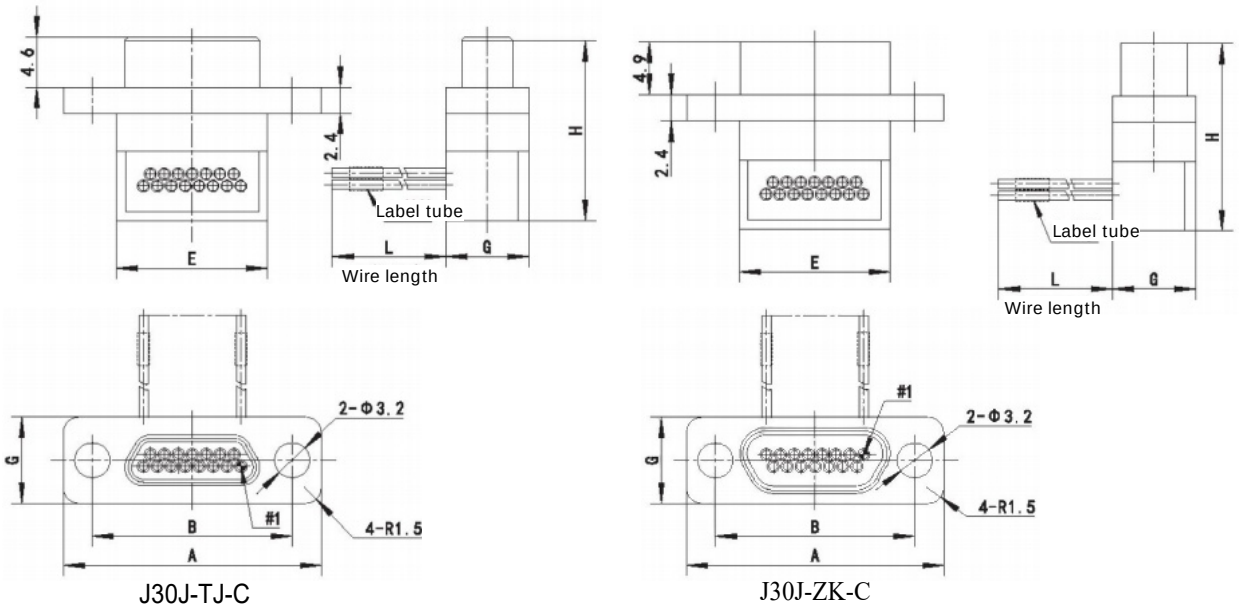
⑥ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

J30J-31TJL-C (AFR-250, white, L=300)

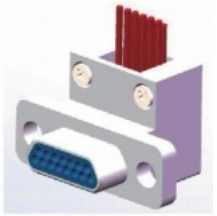
The above marks indicate:J30J series 31-core—C type crimped plug, using L type locking and installation components; using AFR-250 type white wire, core wire cross-section area:default is 0.12mm²,wire length:L=300mm.

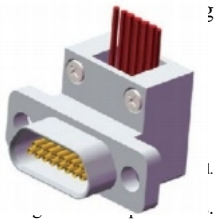
outline dimension：



Product model	A	B	E	G	H	
					TJ-C	ZK-C
J30J-9TJ/ZK-C	19.6	14.3	9.9	8	16.5	16.9
J30J-15TJ/ZK-C	23.5	18.2	13.8	8	16.5	16.9
J30J-21TJ/ZK-C	27.4	22	17.6	8	16.5	16.9
J30J-25TJ/ZK-C	29.84	24.5	20.2	8	16.5	16.9
J30J-31TJ/ZK-C	33.6	28.3	24	8	16.5	16.9
J30J-37TJ/ZK-C	37.4	32.2	27.8	8	16.5	16.9
J30J-51TJ/ZK-C	36.4	30.86	26.6	9.1	17.8	18.2
J30J-66TJ/ZK-C	42.9	37.3	33	9.1	17.8	18.2
J30J-74TJ/ZK-C	38.8	33.5	29.1	10.1	19	19.4
J30J-100TJ/ZK-C	54.7	45.7	36.6	10.1	19	19.4

J30J Series Crimp-C1 Screen





Order Mark

J30J — n TJ/ZK X — C1 (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper e

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Type of connector and contact: TJ—plug with pins; ZK—socket with holes.

④ Type of locking and installation components: Refer to J30J for details on component types and usage instruct

⑤ Modified product identification: C1—J30J—C. The improved version of the product features a 90° bend in the wire, with the wire exiting from the small end of the product; the ent

The product features a waveproof casing with a curved wire clamp at the rear, measuring just 16.5-19mm in height, making it ideal for tight spaces a

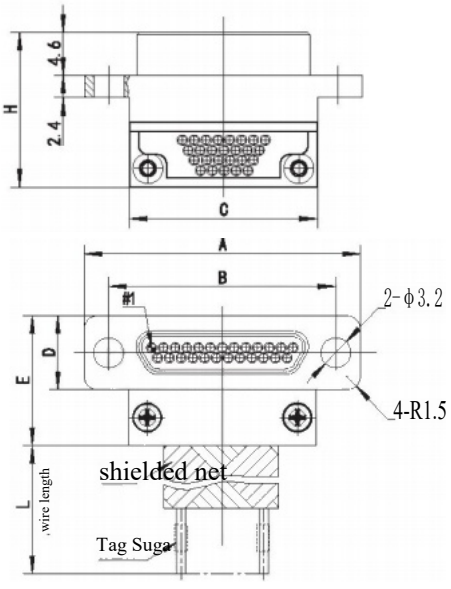
⑥ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

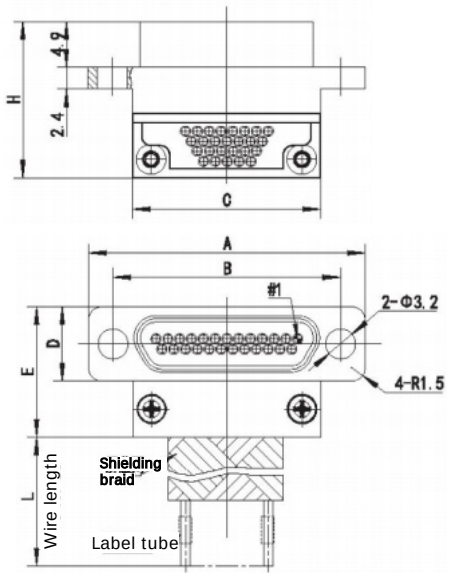
J30J-31TJL-C1 (AFR-250, white, L=300)

The above marks indicate:J30J series 31-core-C1 type crimped plug, using L type locking and installation components; using AFR-250 type white wire, core wire cross section area:default is 0.12 mm²,wire length:L=300mm.

external DIMENSIONS



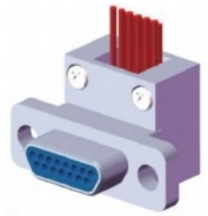
J30J-TJ-C1

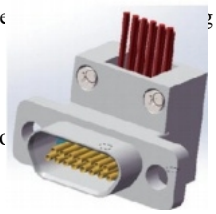


J30J-ZK-C1

Product model	A	B	C	D	G	H	
						TJ-C1	ZK-C1
J30J-9TJ/ZK-C1	19.6	14.3	9.9	8	14	16.5	16.9
J30J-15TJ/ZK-C1	23.5	18.2	13.8	8	14	16.5	16.9
J30J-21TJ/ZK-C1	27.4	22	17.6	8	14	16.5	16.9
J30J-25TJ/ZK-C1	29.84	24.5	20.2	8	14	16.5	16.9
J30J-31TJ/ZK-C1	33.6	28.3	24	8	14	16.5	16.9
J30J-37TJ/ZK-C1	37.4	32.15	27.8	8	14	16.5	16.9
J30J-51TJ/ZK-C1	36.4	30.86	26.6	9.1	14	17.8	18.2
J30J-66TJ/ZK-C1	42.9	37.3	33	9.1	14	17.8	18.2
J30J-74TJ/ZK-C1	38.8	33.5	29.1	10.1	18.3	19	19.4
J30J-100TJ/ZK-C1	54.7	45.7	36.6	10.1	18.3	19	19.4

J30J Series Crimp-C2 Shielded





Order Mark

J30J — n TJ/ZK X — C2 (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper ele

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Connector and contact types: TJ—plug-type pin; ZK—socket-type hole.

④ Type of locking and installation components: Refer to J30J for details on component types and usage instructio

⑤ Modified product identification: C2—J30J—C. This upgraded version features 90° bent wires exiting from the main surface, with the entire harness enclosed in a waveproof sleeve and a curved wire clamp at the tail. The product height is only 16.5–19mm, making it ideal for space-constrained applications requiring high shielding performance.

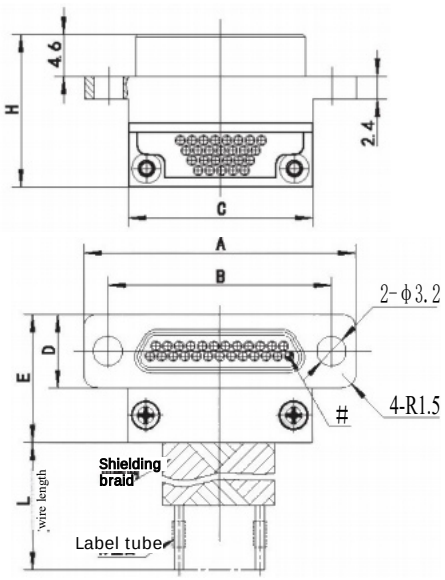
⑥ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire length is determined by the customer. When selecting a model, the user must specify the wire information in the model. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

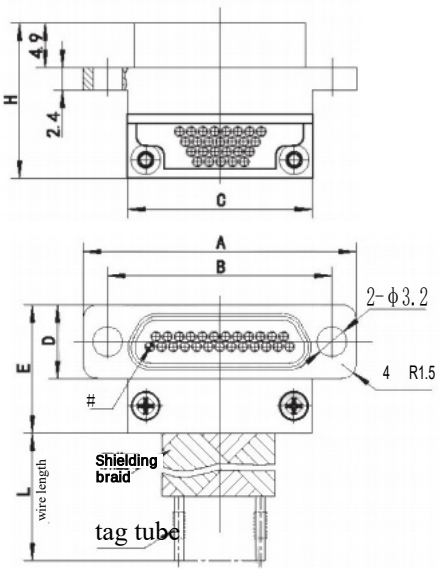
J30J-31TJL-C2 (AFR-250, white, L=300)

The above marks indicate:J30J series 31-core-C2 type crimped plug, using L type locking and installation components; using AFR-250 type white wire, core wire cross section area:default is 0.12mm2,wire length:L=300mm.

external DIMENSIONS



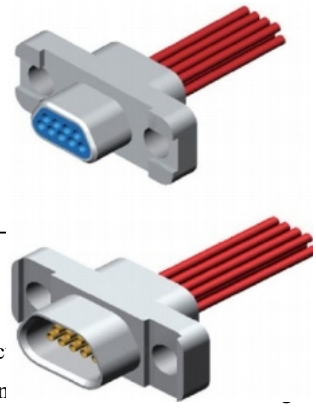
J30J-TJ-C2



J30J-ZK-C2

Product model	A	B	C	D	E	H	
						TJ-C2	ZK-C2
J30J-9TJ/ZK-C2	19.6	14.3	9.9	8	14	16.5	16.9
J30J-15TJ/ZK-C2	23.5	18.2	13.8	8	14	16.5	16.9
J30J-21TJ/ZK-C2	27.4	22	17.6	8	14	16.5	16.9
J30J-25TJ/ZK-C2	29.84	24.5	20.2	8	14	16.5	16.9
J30J-31TJ/ZK-C2	33.6	28.3	24	8	14	16.5	16.9
J30J-37TJ/ZK-C2	37.4	32.15	27.8	8	14	16.5	16.9
J30J-51TJ/ZK-C2	36.4	30.86	26.6	9.1	14	17.8	18.2
J30J-66TJ/ZK-C2	42.9	37.3	33	9.1	14	17.8	18.2
J30J-74TJ/ZK-C2	38.8	33.5	29.1	10.1	18.3	19	19.4
J30J-100TJ/ZK-C2	54.7	45.7	36.6	10.1	18.3	19	19.4

J30J Series-D Anti-Transformation



order symbol

J30J — n TJ/ZK X — D (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—Nickel plating on aluminum alloy J30JS—Passivation of stainless steel J30JC—

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Type of connector and contact: TJ— plug with pins; ZK— socket with holes.

④ Locking and installation component types: Refer to J30J for details on component types and usage instruc

⑤ Modified product identification: D— The flange of the housing is equipped with grooves to prevent the in

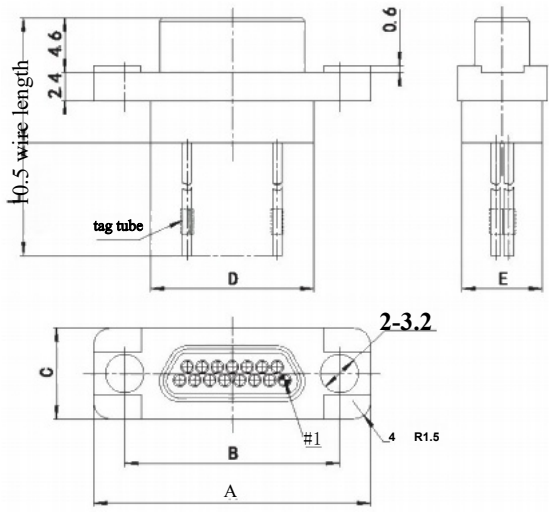
⑥ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire length is determined by the customer. When selecting a model, the user must specify the wire information in the model. For special wiring requirements, technical documentation must be provided.

Icon Example

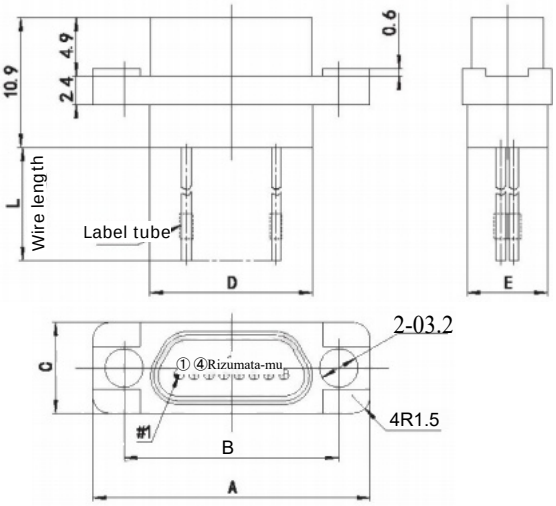
J30J-31TJL-D (AFR-250, white, L=300)

The markings indicate: The J30J series 31-core Type D crimping plug uses L-type locking and installation components. The white AFR-250 wire is selected with a default core cross-section of 0.12mm² and a length of 300mm.

external DIMENSIONS



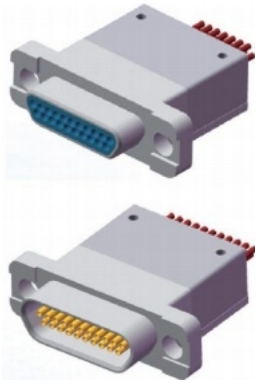
J30J-nTJ-D



J30J-nZK-D

Product model	A	B	C	D	E
J30J-9TJ/ZK-D	19.6	14.3	7.6	9.9	6.8
J30J-15TJ/ZK-D	23.5	18.2	7.6	13.8	6.8
J30J-21TJ/ZK-D	27.4	22	7.6	17.6	6.8
J30J-25TJ/ZK-D	29.8	24.5	7.6	20.2	6.8
J30J-31TJ/ZK-D	33.6	28.3	7.6	24	6.8
J30J-37TJ/ZK-D	37.4	32.2	7.6	27.8	6.8
J30J-51TJ/ZK-D	36.4	30.86	8.7	26.6	7.9
J30J-66TJ/ZK-D	42.9	37.3	8.7	33	7.9
J30J-74TJ/ZK-D	38.8	33.5	9.7	29.1	9.1
J30J-100TJ/ZK-D	54.7	45.7	9.7	36.6	9.1
J30J-144TJ/ZK-D	66.6	58.6	9.7	50.7	9.1

J30J Series Crimping-AD Shielding Anti-Transformation



order symbol

J30J — n TJ/ZK X — AD (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper electroless nickel plating

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Type of connectors and contact parts: TJ—plug-type pin; ZK—socket-type hole.

④ Locking and installation component types: Refer to J30J for details on component types and usage instructions.

⑤ Modified product identification: AD-J30J-A type improved model; the product's lead wires are fully enclosed in a waveproof sleeve with a shielding wire clamp at the tail; grooves are machined on the housing flange to prevent installation screws from rotating.

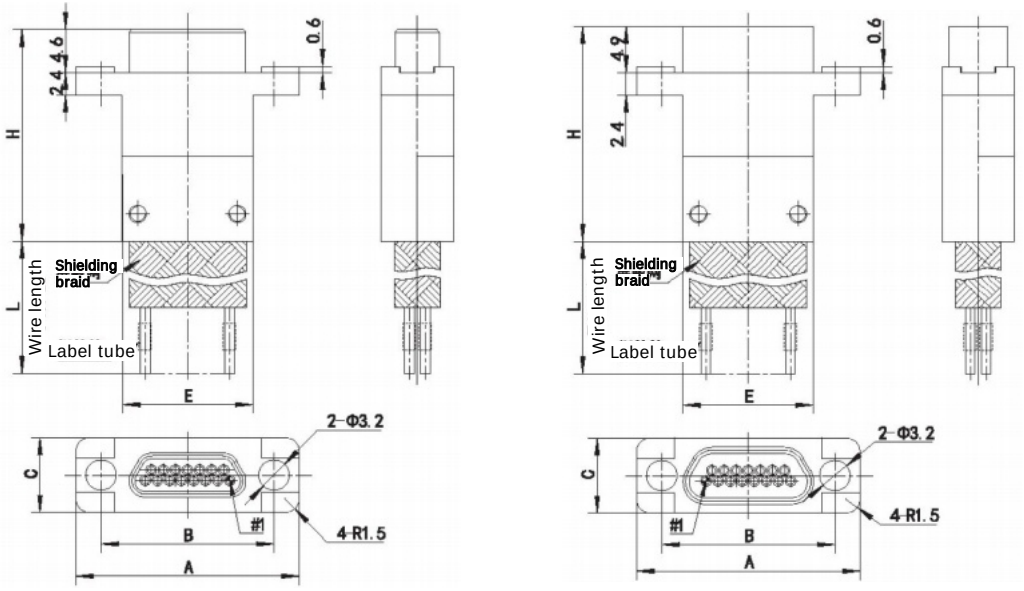
⑥ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire length is determined by the customer. When selecting a model, the user must specify the wire information in the model. For special wiring requirements, technical documentation must be provided.

Icon Example

J30J-31TJL-AD (AFR-250, white, L=300)

The markings indicate: The J30J series 31-core C2 crimped plug uses L-type locking and installation components, with AFR-250 white wire (default core cross-section: 0.12mm², length: 300mm).

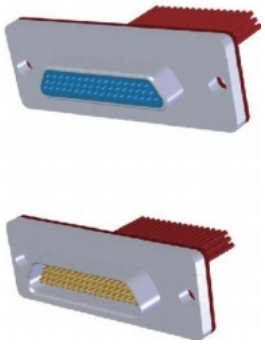
external DIMENSIONS



J30J-TJ-AD **J30J-ZK-AD**

Product model	A	B	E	G	H	
					TJ-AD	ZK-AD
J30J-9TJ/ZK-AD	19.6	14.3	9.9	8	23	23.5
J30J-15TJ/ZK-AD	23.5	18.2	13.8	8	23	23.5
J30J-21TJ/ZK-AD	27.4	22	17.6	8	23	23.5
J30J-25TJ/ZK-AD	29.8	24.5	20.2	8	23	23.5
J30J-31TJ/ZK-AD	33.6	28.3	24	8	23	23.5
J30J-37TJ/ZK-AD	37.4	32.2	27.8	8	23	23.5
J30J-51TJ/ZK-AD	36.4	30.86	26.6	9	23	23.5
J30J-66TJ/ZK-AD	42.9	37.3	33	9	23	23.5
J30J-74TJ/ZK-AD	38.8	33.5	29.1	11	25	25.5
J30J-100TJ/ZK-AD	54.7	45.7	36.8	11	25	25.5

J30J Series crimping-Q flange widening Order Mark



J30J — n TJ/ZK X — Q (Attachment Description)
① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper electroless nickel plating

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100,144

③ Type of connectors and contact parts: TJ—plug-type pin; ZK—socket-type hole.

④ Locking and installation component types: Refer to J30J for details on component types and usage instructions.

⑤ Modified product identification: Q—The flange of the housing has increased length and width, with expanded spacing between mounting holes.

When using the fixed-end locking assembly, a 1mm-thick flange interface sealing gasket is included.

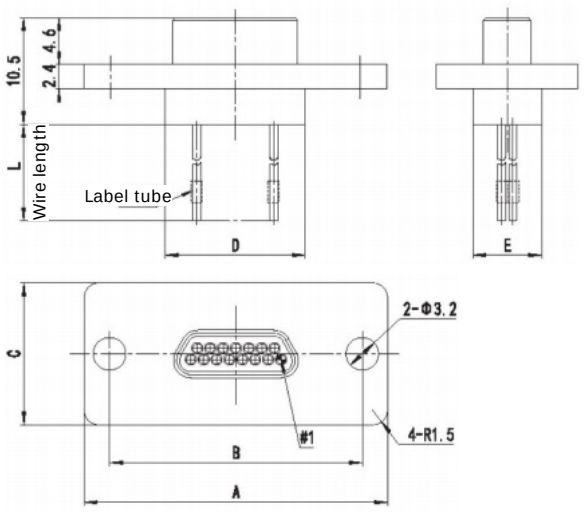
⑥ Additional Note:The product is compatible with conductor specifications ranging from 0.0 3 5mm² to 0.2mm².It is recommended to use 0.1mm² to 0.15mm²,with 0.12mm² as the default. The conductor length is defined by the customer, and the user must specify the conductor information in the model when selecting the type. If there are special wiring requirements, technical documentation must be provided.

example OF THE MARK

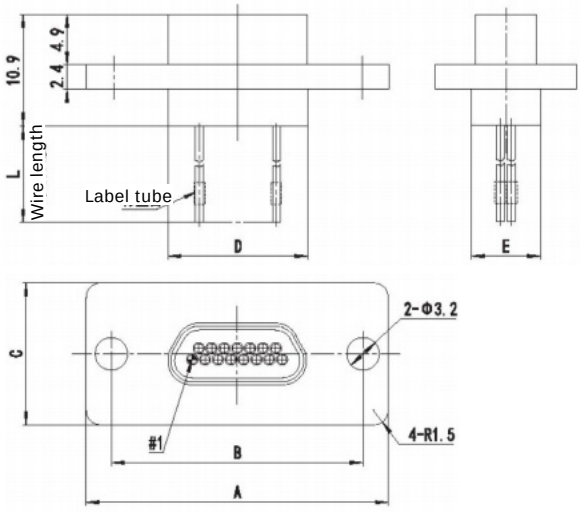
J30J-31TJL-Q (AFR-250, white, L=300)

The above indicates:J30J series 3 1 -core-Q type crimped plug, with L type lock and installation components selected: AFR-250 white conductor selected, core wire cross-section area:default 0.12mm²,conductor length:L=300mm.

external DIMENSIONS



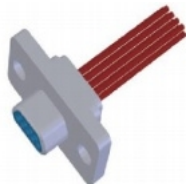
J30J-TJ-Q

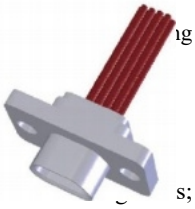


J30J-ZK-Q

Product model	A	B	C	D	E
J30J-9TJ/ZK-Q	26	21	14	9.9	6.8
J30J-15TJ/ZK-Q	29.9	24.9	14	13.8	6.8
J30J-21TJ/ZK-Q	33.8	28.7	14	17.6	6.8
J30J-25TJ/ZK-Q	36.2	31.2	14	20.2	6.8
J30J-31TJ/ZK-Q	40	35	14	24	6.8
J30J-37TJ/ZK-Q	43.8	38.9	14	27.8	6.8
J30J-51TJ/ZK-Q	42.6	37.6	15.2	26.6	7.9
J30J-66TJ/ZK-Q	49.3	44	15.2	33	7.9
J30J-74TJ/ZK-Q	45.2	40.2	16.1	29.1	9.1
J30J-100TJ/ZK-Q	61.1	52.4	16.1	36.6	9.1
J30J-144TJ/ZK-Q	74	65.3	16.1	50.7	9.1

J30J Series crimping-Q8 flange widening Order Mark





J30J — n TJ/ZK X — Q8 (Attachment Description)

① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper elec ıg

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100,144

③ Type of connectors and contact parts: TJ—plug-type pin; ZK—socket-type hole.

④ Locking and installation component types: Refer to J30J for details on component types and usage instructions.

⑤ Modified product identification: Q8— Extended flange dimensions (length and width) with increased spacing betwe s;

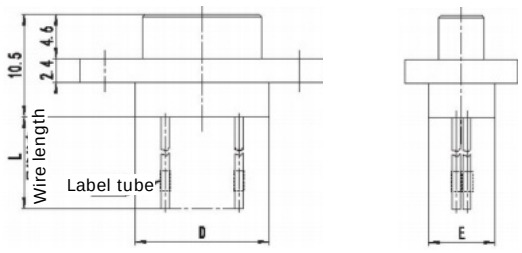
⑥ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection. For special wiring requirements, technical documentation must be provided.

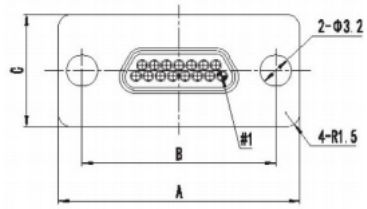
example OF THE MARK

J30J-31TJL—Q8 (AFR-250, white, L=300)

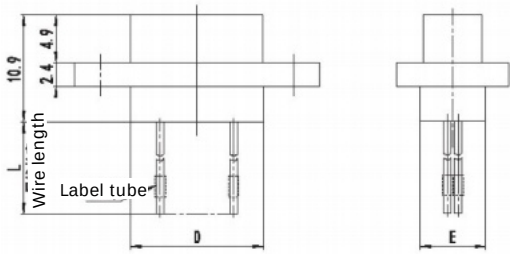
The above marks indicate:J30J series 31-core-Q8 type crimped plug, using L type locking and installation components; using AFR-250 type white wire, core wire cross section:default is 0.12mm²,wire length:L=300mm.

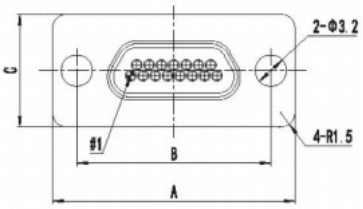
external DIMENSIONS





J30J-TJ-Q8

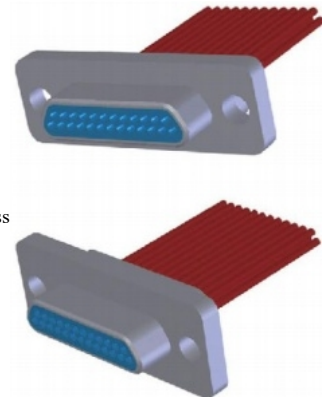




J30J-ZK-Q8

Product model	A	B	C	D	E
J30J-9TJ/ZK-Q8	21.4	16.1	11.6	9.9	6.8
J30J-15TJ/ZK-Q8	25.3	20	11.6	13.8	6.8
J30J-21TJ/ZK-Q8	29.2	23.8	11.6	17.6	6.8
J30J-25TJ/ZK-Q8	31.6	26.3	11.6	20.2	6.8
J30J-31TJ/ZK-Q8	35.4	30.1	11.6	24	6.8
J30J-37TJ/ZK-Q8	39.2	34	11.6	27.8	6.8
J30J-51TJ/ZK-Q8	38.2	32.6	12.6	26.6	7.9
J30J-66TJ/ZK-Q8	44.6	40.8	12.6	33	7.9
J30J-74TJ/ZK-Q8	40.6	35.3	13.8	29.1	9.1
J30J-100TJ/ZK-Q8	56.5	47.5	13.8	36.6	9.1
J30J-144TJ/ZK-Q8	68.4	61.6	13.8	50.6	9.1

J30J Series Pressed (9.6/11.6) Flange



Widened Type Order Mark

J30J	—	n	TJ/ZK	X	(9.6/11.6)	(Attachment Description)
①		②	③	④	⑤	⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—copper electroless

② Number of contacts: 9, 15,21,25,31,37

③ Type of connectors and contact parts: TJ—plug-type pin; ZK—socket-type hole.

④ Type of locking and installation components: Refer to J30J for details on component types and usage instructions.

⑤ Modified product specifications: (9.6) The flange width of the housing is increased to 9.6mm with all other dimensions remaining unchanged; (11.6) The flange width of the housing is increased to 11.6mm with all other dimensions remaining unchanged.

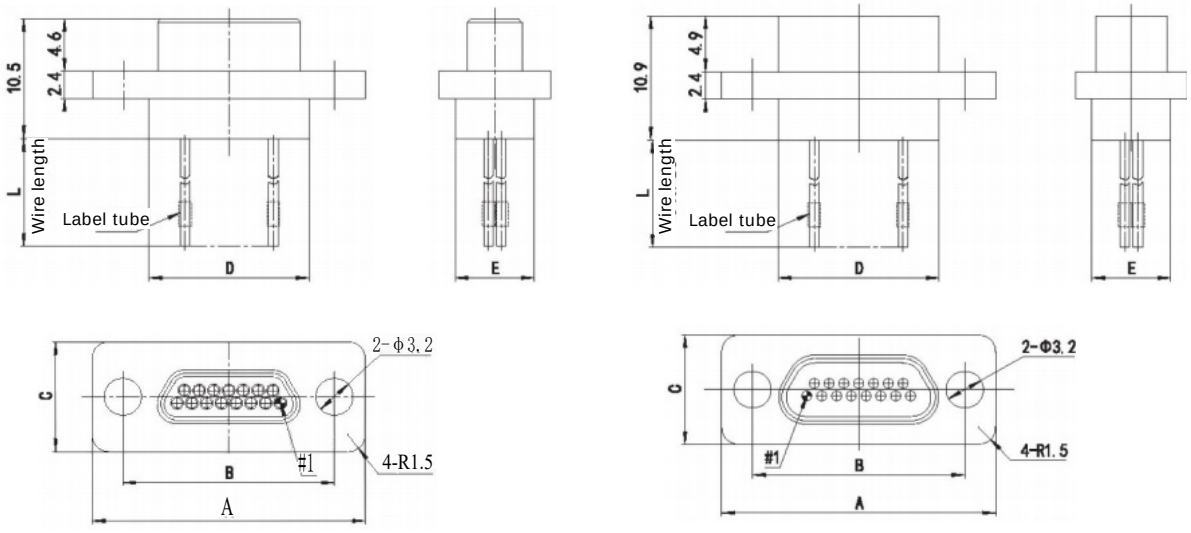
⑥ Additional Note:The product is compatible with conductor specifications ranging from 0.0 3 5mm² to 0.2mm².It is recommended to use 0.1mm² to 0.15mm²,with 0.12mm² as the default. The conductor length is defined by the customer, and the user must specify the conductor information in the model when selecting the type. If there are special wiring requirements, technical documentation must be provided.

example OF THE MARK

J30J-31TJL- (9.6) (AFR-250, white, L=300)

The above indicates:J30J series 3 1 -core (9.6) type crimped plug, with L type lock and installation components selected; white AFR-250 type conductor selected, core wire cross-sectional area:default 0.12mm²,conductor length:L=300mm.

outline dimension：

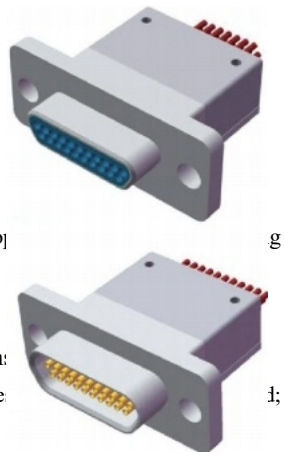


J30J-nTJ(9.6/11.6)

J30J-nZK(9.6/11.6)

Product model	A	B	C		D	E
			TJ/ZK-9.6	TJ/ZK-11.6		
J30J-9TJ/ZK(9.6.11.6)	19.6	14.3	9.6	11.6	9.9	6.8
J30J-15TJ/ZK(9.6.11.6)	23.5	18.2	9.6	11.6	13.8	6.8
J30J-21TJ/ZK(9.6.11.6)	27.4	22	9.6	11.6	17.6	6.8
J30J-25TJ/ZK(9.6.11.6)	29.8	24.5	9.6	11.6	20.2	6.8
J30J-31TJ/ZK(9.6.11.6)	33.6	28.3	9.6	11.6	24	6.8
J30J-37TJ/ZK(9.6.11.6)	37.4	32.2	9.6	11.6	27.8	6.8

J30J Series crimp-AQ Shielded



Order Mark

J30J — n TJ/ZK X — AQ5 (Attachment Description)
① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—co g

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Connector and contact types: TJ—plug-type pin; ZK—socket-type hole.

④ Type of locking and installation components: Refer to J30J for details on component types and usage in

⑤ Modified product identification: AQ5 — Based on J30J—A, the flange length, width, and spacing of installation hole ł;

Compatible with J30J-Q products;

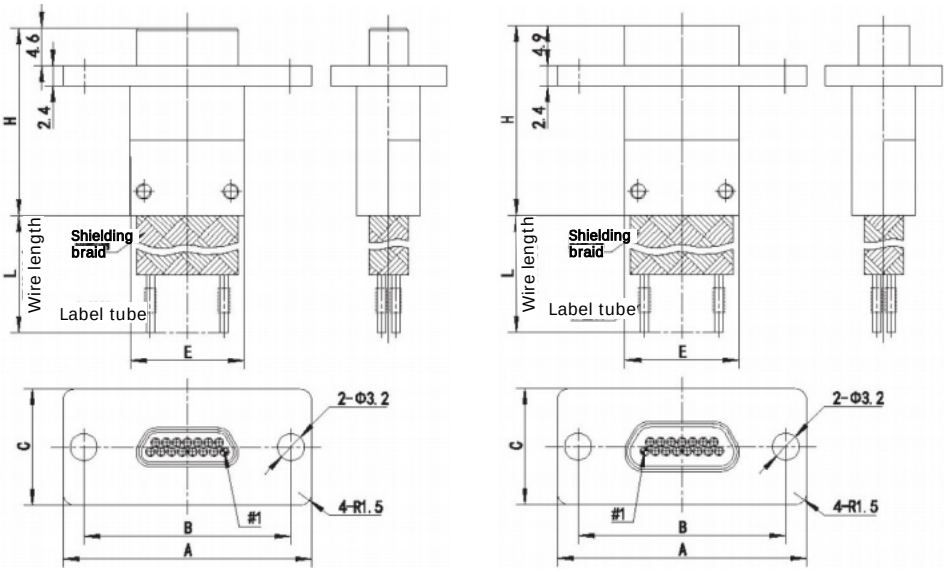
⑥ Note: The product is compatible with wire diameters ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. The wire length is determined by the customer. When selecting the model, the user must specify the wire information. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

J30J-31TJL-AQ5 (AFR-250, white, L=300)

The markings indicate: The J30J series 31-core AQ5 crimped plug uses L-type locking and installation components. The white AFR-250 wire is selected with a default core cross-section of 0.12 mm² and a length of 300 mm.

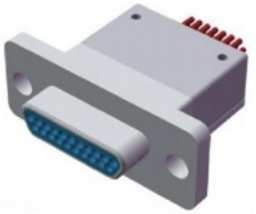
outline dimension：

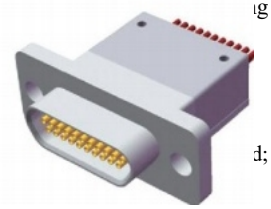


J30J-TJ-AQ5　　J30J-ZK-AQ5

Product model	A	B	C	E	G	H	
						TJ-AQ5	ZK-AQ5
J30J-9TJ/ZK-AQ5	26	21	14	9.9	8	23	23.5
J30J-15TJ/ZK-AQ5	29.9	24.9	14	13.8	8	23	23.5
J30J-21TJ/ZK-AQ5	33.8	28.7	14	17.6	8	23	23.5
J30J-25TJ/ZK-AQ5	36.2	31.2	14	20.2	8	23	23.5
J30J-31TJ/ZK-AQ5	40	35	14	24	8	23	23.5
J30J-37TJ/ZK-AQ5	43.8	38.9	14	27.8	8	23	23.5
J30J-51TJ/ZK-AQ5	42.6	37.6	15.2	26.6	9	23	23.5
J30J-66TJ/ZK-AQ5	49.3	44	15.2	33	9	23	23.5
J30J-74TJ/ZK-AQ5	45.2	40.2	16.1	29.1	11	25	25.5
J30J-100TJ/ZK-AQ5	61.1	52.4	16.1	36.8	11	25	25.5

J30J Series crimp-AQ8 Screen





Type Order Mark

J30J — n TJ/ZK X AQ8 (Attachment Description)
① ② ③ ④ ⑤ ⑥

① Main designation: J30J—aluminum alloy electroless nickel plating J30JS—stainless steel passivation J30JC—cop ig

② Number of contacts: 9, 15,21,25,31,37,51,66,74,100

③ Type of connectors and contacts: TJ—plug-type pins; ZK—socket-type holes.

④ Locking and installation component types: Refer to J30J for details on component types and usage instru

⑤ Modified product identification: AQ8 — Based on J30J—A, the flange length, width, and spacing of installation holes d;
Compatible with J30J-Q8 products;

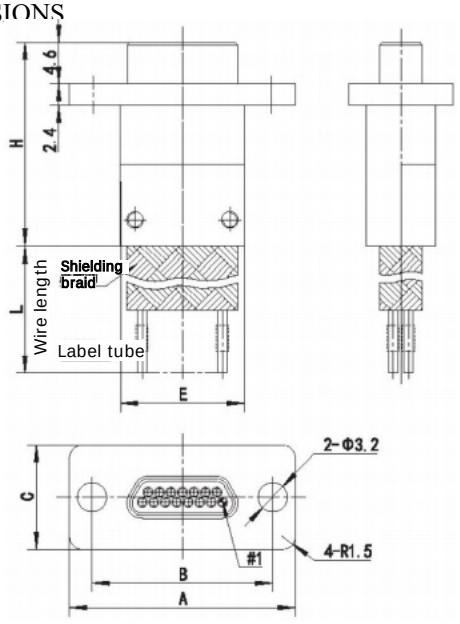
⑥ Additional note: The product is compatible with wire specifications ranging from 0.035mm² to 0.2mm². We recommend using 0.1mm² to 0.15mm², with 0.12mm² as the default. Wire length Customized by the client, the user must specify wire information in the model during selection. For special wiring requirements, technical documentation must be provided.

example OF THE MARK

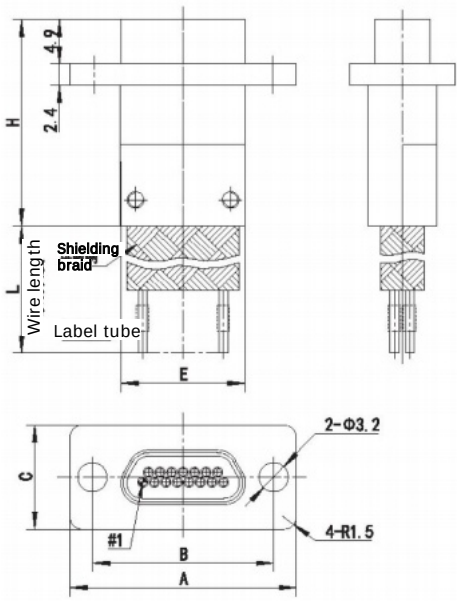
J30J-31TJL-AQ8 (AFR-250, white, L=300)

The above markings indicate: The J30J series 31-core-AQ5 crimping plug uses L-type locking and installation components; the white conductor wire selected is AFR-250 type, with core wire cross-section Area: Default is 0.12mm², Wire length: L=300mm.

external DIMENSIONS



J30J-TJ-AQ8



J30J-ZK-AQ8

Product model	A	B	C	E	H	
					TJ-AQ8	ZK-AQ8
J30J-9TJ/ZK-AQ8	21.4	16.1	11.6	9.9	23	23.5
J30J-15TJ/ZK-AQ8	25.3	20	11.6	13.8	23	23.5
J30J-21TJ/ZK-AQ8	29.2	23.8	11.6	17.6	23	23.5
J30J-25TJ/ZK-AQ8	31.6	26.3	11.6	20.2	23	23.5
J30J-31TJ/ZK-AQ8	35.4	30.1	11.6	24	23	23.5
J30J-37TJ/ZK-AQ8	39.2	34	11.6	27.8	23	23.5
J30J-51TJ/ZK-AQ8	38.2	32.6	12.6	26.6	23	23.5
J30J-66TJ/ZK-AQ8	44.6	40.8	12.6	33	23	23.5
J30J-74TJ/ZK-AQ8	40.6	37.1	13.8	29.1	25	25.5
J30J-100TJ/ZK-AQ8	56.5	49.3	13.8	36.8	25	25.5