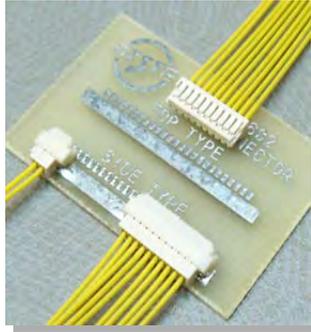


## SUH connector

0.8mm pitch

- < Type >
- Crimp style, Compact type
- Crimp style, Disconnectable type
- < Current rating > 1.0A
- < Voltage rating > 30V

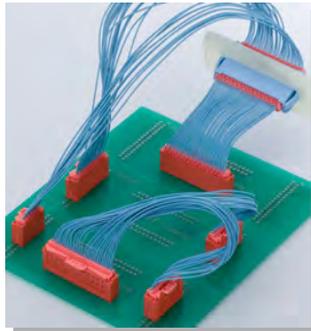


SUR connector that has been designed for 0.8mm pitch wire-to-board insulation displacement connector. This connector adopted the first crimping method in a minimum 0.8mm pitch of the wire-to-board type connector. Housing lance method provides the good workability and a constriction contact method provides the excellent contact reliability.

## CSH connector

1mm pitch

- < Type >
- Crimp style, Disconnectable type
- < Current rating > CSH??S/2A (AWG#26)
- < Voltage rating > 50V

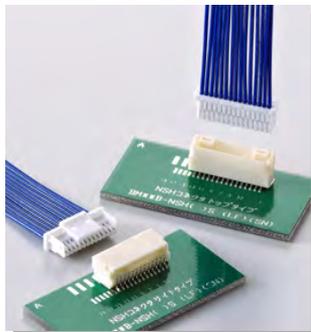


Housing lances  
Interchangeability  
Realized current rating of 2A with AWG#26

## NSH connector

1mm pitch

- < Type >
- Crimp style, With secure locking device
- Crimp style, Disconnectable type
- < Current rating > 1.0A (AWG#28)
- < Voltage rating > 50V

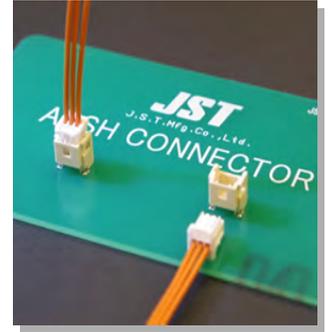


1.0mm pitch secure lock type connector. This low insertion force type connector realizes easier mating operation. The basic concept of the contact part of this connector is equivalent to the performance proven SHL connector.

## APSH connector

1mm pitch

- < Type >
- Crimp style, With secure locking device
- < Current rating > 1.0A (AWG#28)
- < Voltage rating > 50V



This connector has the secure locking structure by realizing space saving. It prevents to come off the housing when handling the wire and giving vibration. This connector is very small and it has been controlled inverse insertion and realized clear insertion feeling.

## LD-Y connector

1mm pitch

- < Type >
- For LVDS, Thin type, With secure locking device
- < Current rating > 0.3A
- < Voltage rating > 200V

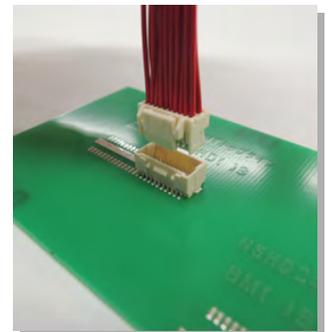


This wire-to-board connector is designed for Internal I/O port in LCD Monitor/TV, and is with secure locking device that prevents the connector from coming off by wiring operation and/or vibration.

## NSHD connector

1mm pitch

- < Type >
- Crimp style, With secure locking device
- Crimp style, Disconnectable type
- < Current rating > 1.0A (AWG#28)
- < Voltage rating > 50V



In 1.0mm pitch and dual-row secure lock type connector, this NSHD connector realizes a top grade of a space saving in the industry and supports a high densification of equipment.

## SH connector

1mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 50V



\*Compact, low profile design  
 \*Although this shrouded header has locking features for its mating receptacle, there are no holes in the header shroud that would adversely effect vacuum gripping equipment.  
 \*The receptacle has protrusions on both ends for an operator to disengage the receptacle from the header without holding the wires.

## SHD connector

1mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, Double-row
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 50V

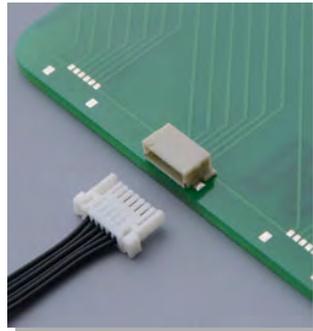


\*Compact, double-row design  
 \*Although this shrouded header has locking features for its mating receptacle, there are no holes in the header shroud that would adversely effect vacuum gripping equipment.  
 \*The receptacle has protrusions on both ends for an operator to disengage the receptacle from the header without holding the wires.

## SHJ connector

1mm pitch

- < Type >
- Crimp style, For LCD back light lamps, With secure locking device
- Crimp style, Disconnectable type
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 125V



This is low profile connector suitable for the backlight connection of the LED liquid crystal display. It has the secure locking structure to prevent it from coming off the housing when handling the wire.

## SHL connector

1mm pitch

- < Type >
- Disconnectable type
- Crimp style, Thin type
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 50V

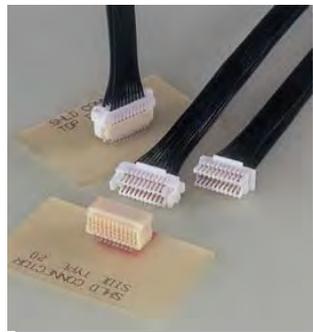


\*Thin design  
 Mounting height is only 1.8mm for normal type, and 1.4mm for off-set type.  
 \*Low insertion force  
 With the contact of unique construction featuring spring action, its insertion into housing is easy with low insertion force, yet with clear click feeling.

## SHLD connector

1mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, Double-row
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 50V

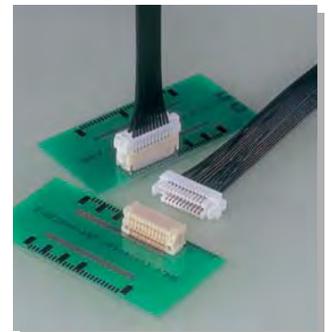


\*Compact, double-row design  
 Mounting height is 5.5mm for side entry type. Just fitting to the high density packaging  
 \*Line-up the type with Secure locking device  
 Secure locking device prevents accidental disconnection.

## SHLV connector

1mm pitch

- < Type >
- For LVDS, Double-row
- < Current rating >
- 1.0A (AWG#28)
- < Voltage rating >
- 30V

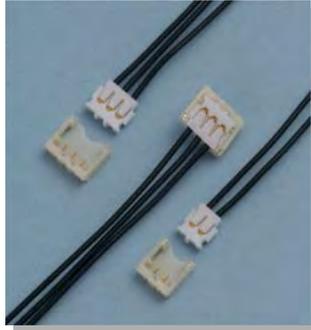


This is the wire to board connector corresponding to the high frequency transmission (LVDS: Low Voltage Differential Signaling) with a lot of adoption for PDP, LCD-TV and so it.  
 This connector was developed to have excellent workability, strength and cost performance.  
 This connector is used not only for LVDS, but also for multi-circuits connector (small and space saving type) in normal circuit.

## ACH connector

1.2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 2A/1to3-circuit (AWG#28)
- 1.5A/4,5-circuit (AWG#28)
- < Voltage rating >
- 50V

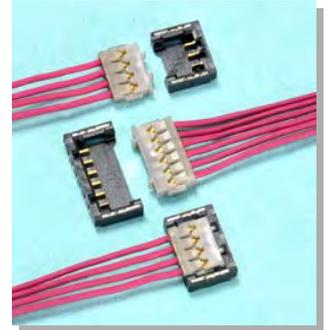


This connector is compact and low profile type, height: 1.4mm and width 4.3mm, 1.2mm pitch wire-to-board connector.

## ACHF Connector

1.2mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 2.5A (AWG#28)
- < Voltage rating >
- 50V

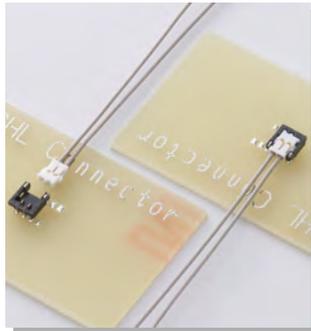


This ACHF connector is compact and low profile type, height 1.43mm and width 4.95mm, 1.2 pitch wire-to-board connector.

## ACHL connector

1.2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 2A (AWG#28)
- < Voltage rating >
- 50V

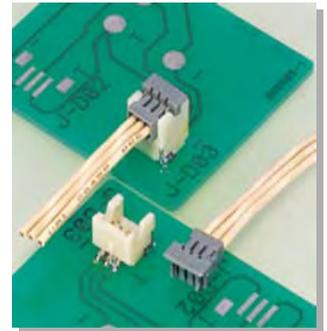


This connector is compact and low profile type, height 1.2mm and width 4.7mm, 1.2mm pitch wire-to-board connector.

## AGH connector

1.25mm pitch

- < Type >
- Disconnectable type
- For mobile phones, For a battery connection
- < Current rating >
- 1.0A
- < Voltage rating >
- 50V

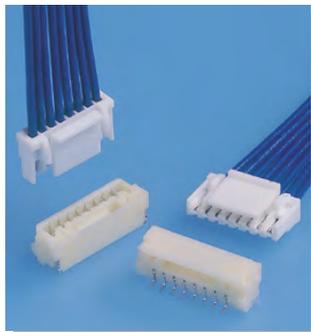


This connector system has excellent operational advantages due to its top entry style. In addition, with the wires on the side, it is low profile, similar to a side entry style.

## GH connector

1.25mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 1.0A (AWG#26)
- < Voltage rating >
- 50V

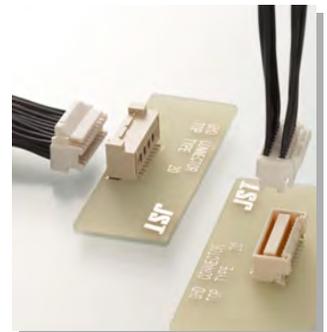


Developed for to PDP, LCD or small electronics equipments. This low insertion force type connector realizes easier mating operation. The basic concept of the contact part of this connector is equivalent to the performance proven SHL connector.

## GHD connector

1.25mm pitch

- < Type >
- Disconnectable type
- Crimp style, Double-row, With secure locking device
- < Current rating >
- 1.0A (AWG#26)
- < Voltage rating >
- 50V

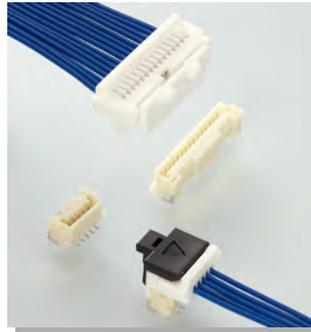


To meet the requirement of the high density mounting on PC board of flat panel TV, AV equipments etc., this connector is designed to the double-row type of 1.25mm pitch. Its operability is very well, in spite of the small size.

## GVH connector

1.25mm pitch

- < Type >
- Crimp style, With secure locking device
- < Current rating >
- 1.0A (AWG#26)
- < Voltage rating >
- 50V



This connector has the sucking area on the top of connector without suction tape. The side feed type for drawing out the wire laterally that considers the workability of mating and normal side entry type has been developed.

## ADH Connector

1.3mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 3A (AWG#26)
- < Voltage rating >
- 30V

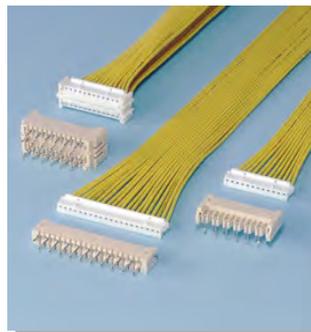


This ADH connector is compact and low profile type, height 1.9mm and width 4.3mm, 1.3 pitch wire-to-board connector.

## CZH/CZHW connector

1.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type
- < Current rating >
- 2A (AWG#26)
- < Voltage rating >
- 100V

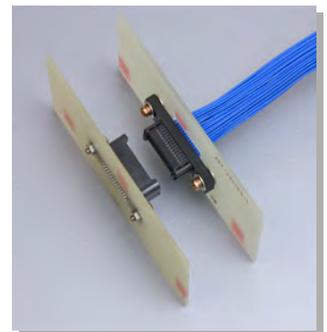


\*Housing lances  
 \*Compact  
 \*Interconnection  
 They are interconnectable to the esteemed shrouded headers in the market for CZ/CZW insulation displacement connectors.

## RTZ connector

1.5mm pitch

- < Type >
- Drawer connector, Double-row
- Crimp style, Disconnectable type
- < Current rating >
- 2.0A (AWG#24)
- < Voltage rating >
- 50V



This RTZ connector is a drawer connector with floating mechanism which makes design of equipment easy. Correspond to the miniaturization of equipment by realizing the downsizing and the space saving with 1.5mm pitch and the distance of 19.9mm at the minimum between board and panel.

## SZN connector

1.5mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating >
- 0.7A (AWG#26)
- < Voltage rating >
- 50V

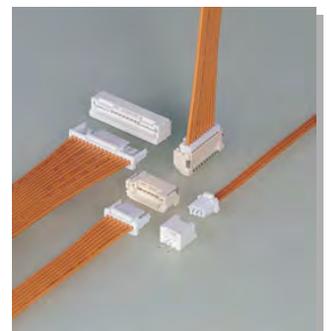


This low-profile, board-in connector, with a mounting height of only 4.25mm and a thickness of 2.4mm, is soldered directly onto PC boards.

## ZE connector

1.5mm pitch

- < Type >
- Crimp style, With secure locking device
- < Current rating >
- 2A (AWG#24)
- < Voltage rating >
- 100V

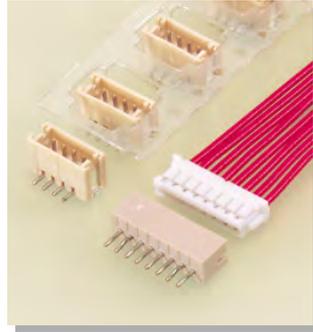


1.5mm pitch secure lock type connector. Fork-shaped header contact provides the good mating feeling and secure mating operation.

## ZH connector

1.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type
- < Current rating >
- 1.0A (AWG#26)
- < Voltage rating >
- 50V



- \*Housing lances
- \*The dimple at the center of the contact ensures positive contact and low contact resistance at all times.
- \*Fully shrouded header
- \*The same shrouded header can be used for the ZR insulation displacement connector.

## ZPD connector

1.5mm pitch

- < Type >
- Crimp style, Double-row, With secure locking device
- < Current rating >
- 2A/10 to 30 circuits (AWG#24)
- 1.5A/32 to 40 circuits (AWG#24)
- < Voltage rating >
- 100V

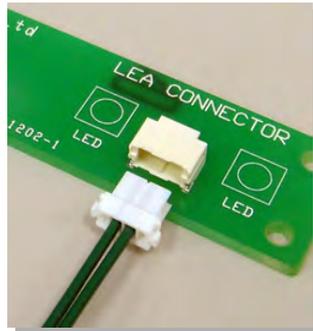


In order to correspond to the high-density PCB designing, this ZPD connector is designed as 1.5mm pitch double row type connector with secure locking device.

## LEA connector

1.8mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, Compact type, With secure locking device
- < Current rating >
- 3A
- < Voltage rating >
- 300V



Considering that the connector does not affect the luminescence angle of LED chip, this low profile type connector (height:3.0 mm) is designed for connection to LED lamp and realized space saving. A secure locking mechanism is arranged to this connector in order to consider the handling of wire in actual use, although this is a low profile.

## LEH connector

1.8mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 300V

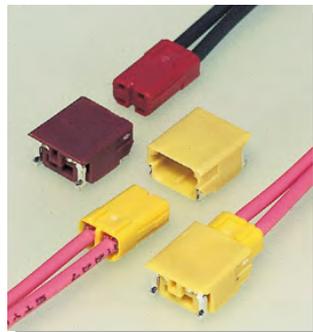


Considering about the luminescence property of LED package and the mating operability, this LEH connector is designed as low profile type connector for LED lighting, and achieves the space saving.. In consideration of connector mating operation to the LED mounting PCB that is integrated in the equipment, side-feed mechanism that provides to enable mating the connector from right above is adopted, and secure lock and mechanism for preventing wrong insertion are provided.

## SFH connector

1.8mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 4A (AWG#22)
- < Voltage rating >
- 350V



This low profile type connector with height of 3.0mm is designed for connection to stroboscope flash and realized space saving.

## JWPF connector (W to B)

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Waterproof connector
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 100V

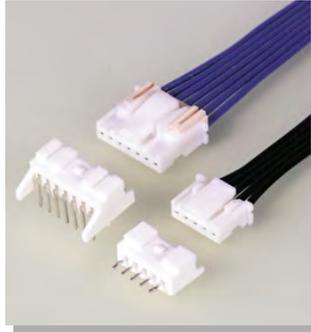


Applicable for waterproof usage. Its waterproof grade is 7 ingress protection of JIS C 0920 (IEC 60529 IPX7).

## PA connector

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- Standard type/250V
- Retainer mountable type/100V

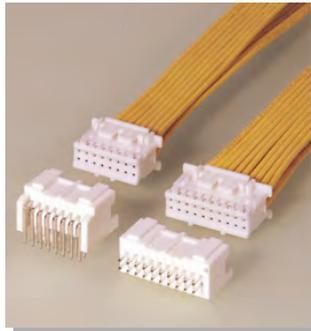


2.0mm pitch connector with secure locking device  
 \*Secure locking device  
 The housing has a locking device to prevent accidental disconnection because of routing wires or of vibration, and also reverse and different circuit numbers mating.

## PAD connector

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Double-row, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



2.0mm pitch double-row connector with secure locking device  
 \*Secure locking device  
 The housing has a locking device to securely hold the header, preventing accidental disconnection because of external forces that might result from the routing of wires during assembly process or of vibration.

## PH connector

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Thin type
- < Current rating >
- 2A (AWG#24)
- < Voltage rating >
- 100V



\*The dimple at the center of the contact ensures positive contact and low contact resistance at all times.  
 \*The contact has a long wire strip holding length of 2.6 +/-0.4mm.  
 \*Fully shrouded header  
 \*The same shrouded header can be used for the KR/KRD/CR insulation displacement connectors.

## PA connector (High box type)

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- Standard type/250V
- Retainer mountable type/100V

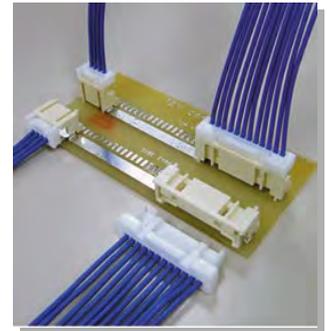


Secondary retainer mountable PA connector high-box type, with 20.7mm mounting height and 7.2mm thickness. The header has a secure lock cover device to protect the locking section.

## PBV connector

2mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A
- < Voltage rating >
- 100V



This PBV connector, which is mainly used for connecting PCB of flat television, is a crimping type connector and is designed to have a secure locking structure and a sucking area.

## PH connector (High box type)

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type
- < Current rating >
- 2A (AWG#24)
- < Voltage rating >
- 100V



PH connector high box type, with 17.0mm mounting height and with 4.5mm thickness.

## PHD connector

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, Double-row
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



- \*Double-row construction
- \*The box contact supplies stable contact performance.
- \*Fully shrouded header

## PLI connector

2mm pitch

- < Type >
- Crimp style, Compact type, With secure locking device
- Crimp style, Compact type, Low-profile type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 100V

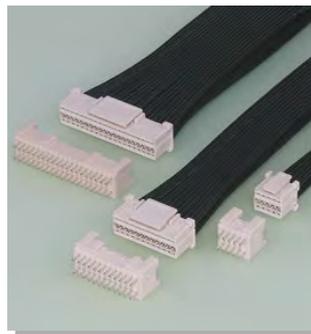


This PLI connector is 2.0mm pitch low profile type board-to-wire connector that has a mechanism to prevent an incomplete mating when mating connector.

## PND connector

2mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



This connector is the high-density dipping type connector with secure lock for wire to board connection and enabled to achieve excellent workability and withstand the unexpected external force.

## PNI connector

2mm pitch

- < Type >
- Crimp style, With inertia force mechanism with secure locking device, Compact type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 100V

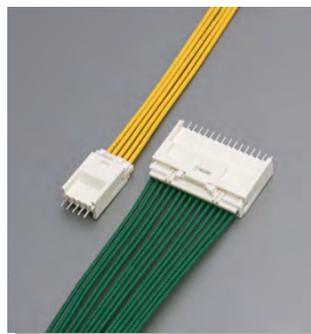


This is a 2.0mm pitch wire-to-board connector, having incomplete mating prevention mechanism.

## PNI connector (High box type)

2mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, High-box type, With locking device
- < Current rating >
- 3A
- < Voltage rating >
- 100V

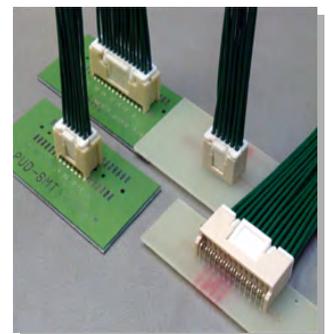


This is a board-to-wire connector with secure locking device that has been designed to 2mm pitch high box type, with a mounting height of 19.95mm (including retainer) and 6.65mm in depth. Low insertion force type contact is adopted and it provides excellent operability. Retainer is available as usage.

## PUD connector

2mm pitch

- < Type >
- Crimp style, With secure locking device
- Disconnectable type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V

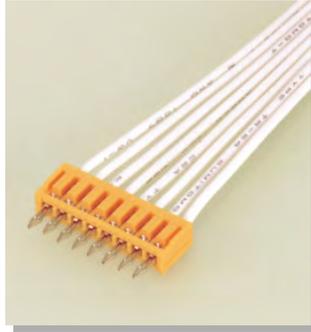


This is a board-to-wire connector with secure locking device that has been designed to 2.0mm pitch, crimping style and double-row. In spite of realizing low insertion force, the stable electric connection is demonstrated against the condition such as vibration, pinching and dry circuit. It is possible to unfasten the locking even if the header is surrounded with a case wall within height of header because the tip of locking device in receptacle does not protrude from its area.

## SAN connector

2mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating > 2A (AWG#24)
- < Voltage rating > 250V



This multi-circuit board-in connector meets the needs for high-density mounting on PC boards efficiently and economically.

## SGN connector

2mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating > 2A (AWG#24)
- < Voltage rating > 250V



A dimension of 2.0mm pitch, 4.0mm mounting height and 2.9mm depth. This board-in type connector will enhance the mounting density of the PC board even further as well as improve rationalization and reduce the total cost of production. This product will be suitable for the internal connector of low profile equipment, such as audio equipment (including car audio) and the STB.

## SJN connector

2mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating > 3A (AWG#22)
- < Voltage rating > 250V

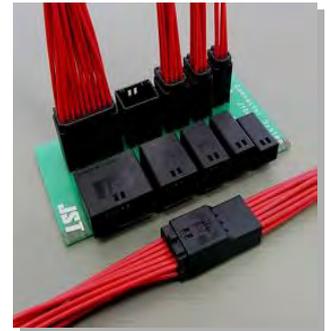


Side entry type board-in connector, with a mounting height of only 2.8mm and a thickness of 4.9mm.

## JFA connector J1000 Series (W to B)

2.2mm pitch

- < Type >
- Interlock type
- Crimp style
- < Current rating > 6.2A (3 circuits/AWG#18)
- < Voltage rating > 125V



It is a high reliability connector corresponding to demand of the miniaturization of electronic equipment and the wire size of AWG#18.

## BHL connector

2.3mm pitch

- < Type >
- Disconnectable type
- For LCD back light lamps, Compact type, Low-profile type
- < Current rating > 1.0A (AWG#24)
- < Voltage rating > 1400V

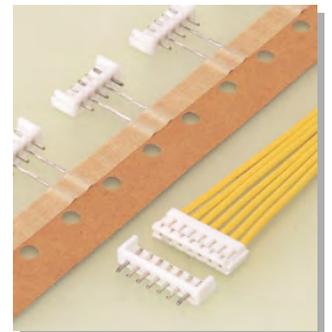


Low profile connector with high withstanding voltage, designed for connecting liquid crystal display backlight lamps to their starters. The BHL connector is 2.8mm thick, so the mounting height is only 3.0mm.

## EH connector

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Thin type
- < Current rating > 3A (AWG#22)
- < Voltage rating > 250V

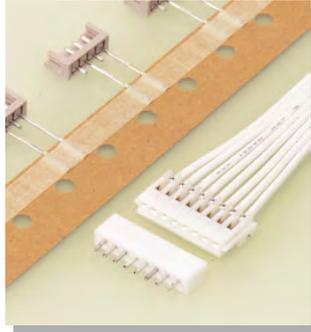


It is designed to meet the demand for the high-density connection of internal wires to PC boards.

## HR connector (Crimp style)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Thin type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



- \*Thin design
- \*The dimple in the contact ensures positive contact.
- \*The same header can be used for either the HR insulation displacement connector or the EH crimp style connector.

## JFA connector J2000 series (W to B)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating >
- MAX 4.6A (3 circuits/AWG#20)
- < Voltage rating >
- 250V

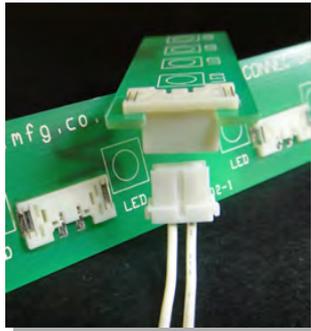


- 2.5mm pitch connector for miniaturization of electronic equipment. Center locking or side locking options can be used depending on the required application. Receptacle contacts are designed to be common with all JFA connector J2000 series.

## LEX connector

2.5mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 300V

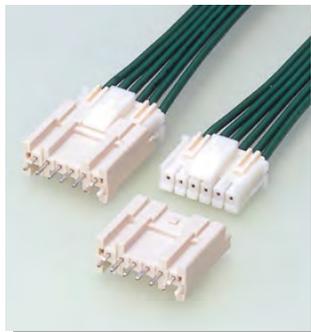


- Considering about luminescence property of LED package, this LEX connector is designed as low profile bottom type connector for LED lighting equipment, and achieves the space saving at the connector mounting side. In consideration of connector mating operation, secure lock and mechanism for preventing wrong insertion are provided. With the assumption that the load may be applied to the soldering part when mating the connector, the strength of soldering part after mounting the connector on PCB has been largely improved.

## PXA connector

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



- Secondary retainer mountable 2.5mm pitch high-box type, with 20.5mm mounting height. Fully shrouded header has the walls between every circuit to consider as the structure against vibration or prying.

## NH connector

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, With locking device
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V

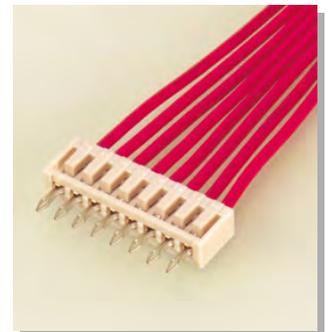


- \*The protected, folded beam contact provides high contact pressure with an over-stress stop feature.
- \*Double-sided contact
- \*Molded-in header with wide, sturdy posts
- \*The header is available in three configurations, top, side and bottom entry.

## SCN connector

2.5mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V

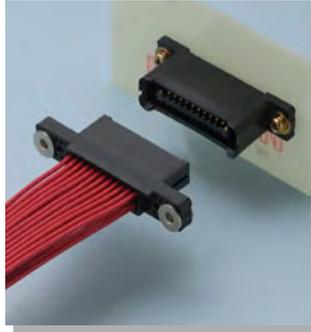


- This multi-circuit board-in connector meets the needs for high-density mounting on PC boards efficiently and economically.

## TSF connector

2.5mm pitch

- < Type >
- Drawer connector, Double-row
- Crimp style, Disconnectable type
- < Current rating > 3A (AWG#22)
- < Voltage rating > 50V

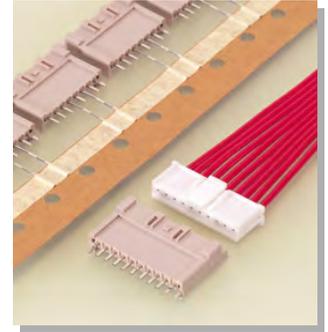


This TSF connector is a drawer connector with floating function which makes design of equipment easy. Putting the phase lag on four grounding contacts at both ends and other contacts of signal and power supply, the sequential connecting is realized.

## XA connector (High box type)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type, With locking device
- < Current rating > 3A (AWG#22)
- < Voltage rating > 250V

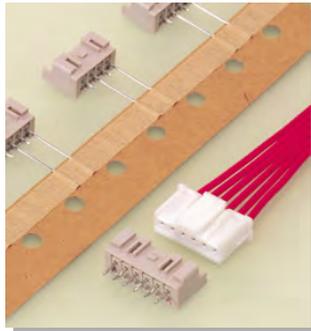


The header is tall and fully shrouded so as to prevent the resin used to coat the PC board coming into contact with the mating pins. Designed for use specifically with resin coated ("potted") PC boards.  
 \*The header is designed to accept XA mating receptacles.  
 \*Secure locking device prevents accidental disconnection.

## XA connector (W to B)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating > 3A (AWG#22,#20)
- < Voltage rating > 250V



\*Secure locking device prevents accidental disconnection.  
 \*Header wafer is made of solder crack preventive material, glass-filled PA66 nylon.  
 \*Header pins are round and reflow-treated, which provides low insertion force.  
 \*Shrouded headers on radial-tape are also available.  
 \*Headers with polarizing bosses are also available.

## XAD connector (W to B)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Double-row, With secure locking device
- < Current rating > 3A (AWG#20)
- < Voltage rating > 250V

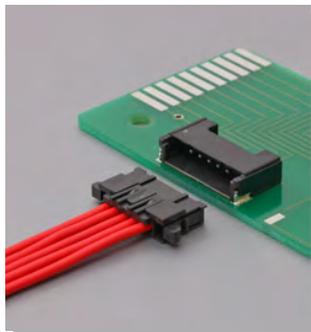


\*Double-row construction  
 \*Header wafer is made of solder crack preventive material, glass-filled PA66 nylon.  
 \*Secure locking device prevents accidental disconnection.

## XAG connector

2.5mm pitch

- < Type >
- Crimp style, With secure locking device
- < Current rating > 3A (AWG#20)
- < Voltage rating > 250V

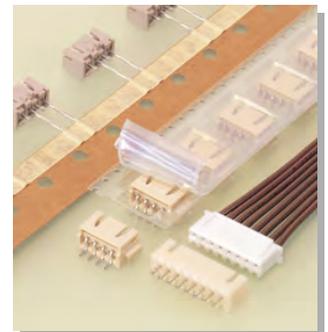


This is a 2.5mm pitch, crimp style, wire-to-board connector.

## XH connector

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Shrouded header type
- < Current rating > 3A (AWG#22)
- < Voltage rating > 250V



This connector was developed based on the high reliability and versatility of our NH series connectors. The connector is very small with mounting height of 9.8mm.

## XH connector (High box type)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V

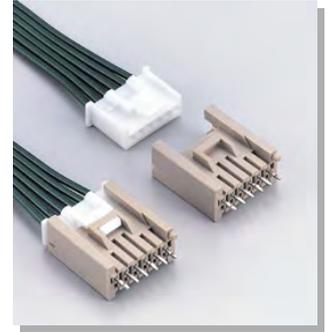


The header is tall and fully shrouded so as to prevent the resin used to coat the PC board coming into contact with the mating pins. Designed for use specifically with resin coated ("potted") PC boards.  
\*The header is a designed to accept XH mating receptacles.

## XM connector (High box type)

2.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type, With inner type secure locking device
- < Current rating >
- 3A (AWG#22,#20)
- < Voltage rating >
- 250V

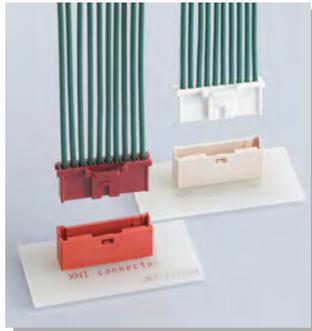


High-box type XM connector with 8.9mm depth and 2.0mm height after assembly.

## XNI connector

2.5mm pitch

- < Type >
- Crimp style, With secure locking device
- Inertial lock structure
- < Current rating >
- 3A (AWG#22)
- < Voltage rating >
- 250V



This connector is 2.5mm pitch wire-to-board connector that has a mechanism to prevent an incomplete mating by utilizing the inertial force when mating connector. In all circuits of connector, controlled key for preventing mismatching of mating is added.

## RA connector crimp style

2.54mm pitch

- < Type >
- Disconnectable type
- Crimp style, I/O connector
- < Current rating >
- 1.0A (AWG#22)
- < Voltage rating >
- 300V

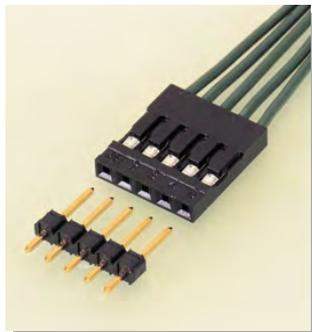


Crimp style receptacles that are designed to mate with headers conforming to MIL-C-83503.  
\*Housing lances  
\*The guide devices of both housing and header prevent reverse connector insertion.

## RE connector

2.54mm pitch

- < Type >
- Disconnectable type
- Crimp style, Internal connection for OA equipments
- < Current rating >
- 2A (5-circuit/AWG#24)
- < Voltage rating >
- 250V



Well suited for completing the internal connections of office automation equipment, such as personal computers, office computers, and their peripheral devices.  
\*Double-leaf spring contact withstands the stresses caused by repeated mating and unmating..

## RF connector

2.54mm pitch

- < Type >
- Disconnectable type
- Crimp style, Internal connection for OA equipments, Double-row
- < Current rating >
- 2A (AWG#24)
- < Voltage rating >
- 250V

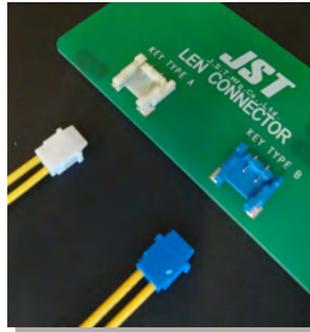


Well suited for completing the internal connections of office automation equipment, such as personal computers, office computers, and their peripheral devices.  
\*Double-leaf spring contact withstands the stresses caused by repeated mating and unmating..

## LEN connector

3mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, With secure locking device
- < Current rating > 3A (AWG#22)
- < Voltage rating > 300V



Considering about the luminescence property of LED package, this LEN connector is designed as low profile type connector for LED lighting. In consideration of connector mating operation to the LED mounting PCB that is integrated in the equipment, side-feed mechanism that provides to enable mating the connector from above is adopted, and secure lock that considered handling and mechanism for preventing wrong insertion are provided.

## BD connector (3.5mm pitch)

3.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps, With secure locking device
- < Current rating > 1.0A (AWG#24)
- < Voltage rating > 1400V



Board-to-wire connector with high withstanding voltage, used for power supply of LCD (Liquid Crystal Display) back light.

## BHS connector (W to B)

3.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps, Compact type
- < Current rating > 1.0A (AWG#24)
- < Voltage rating > 1400V

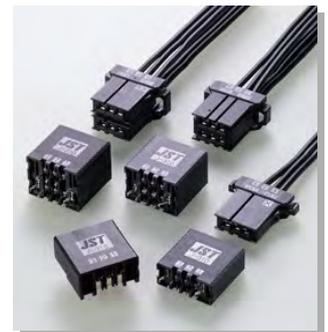


Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display back light lamps to their starters.  
 \*SMT configuration  
 \*Its crimp style contact can be inserted into the housing with little force, thus making them suitable for use with flexible wires such as those insulated with silicone rubber.

## JFA connector J300 series (W to B 3.81mm pitch)

3.81mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating > 15A (Single circuit/AWG#14)
- < Voltage rating > 250V



Connectors for signal circuit or power supply circuit, applicable to the factory automation, heavy electric machinery, and other industrial equipment in general.

## HL connector (W to B)

3.96mm pitch

- < Type >
- Disconnectable type
- Crimp style, Shrouded header type, With inner type secure locking device
- < Current rating > 7A (4 circuits/AWG#18)
- < Voltage rating > 300V



The HL connectors can be used for wire-to-wire or wire-to-board connections.  
 \*The inner-housing lock secures the plug to the receptacle and prevents accidental disconnection.  
 \*Secondary retainers (optional)

## SDN connector

3.96mm pitch

- < Type >
- Board-in connector
- Crimp style, Board-in connector
- < Current rating > 7A (AWG#18)
- < Voltage rating > 250V



This board-in connector is capable of connecting a wide variety of circuits including signal and power supply circuits.  
 The connector features a slim, low-profile design.

## VH connector

3.96mm pitch

- < Type >
- Disconnectable type
- Crimp style, Compact type, With locking device
- < Current rating >
- 10A (AWG#16)
- < Voltage rating >
- 250V



This small, field-proven connector for PC boards is reliable and has a large current carrying capacity. It can be used with a wide variety of signal, power supply, and output circuits that appear in consumer electronic products.

## VH connector (High box type)

3.96mm pitch

- < Type >
- Disconnectable type
- Crimp style, High-box type, With locking device
- < Current rating >
- 7A (AWG#18)
- 10A (1 circuits/AWG#16)
- < Voltage rating >
- 250V



The header is tall and fully shrouded so as to prevent the resin used to coat the PC board coming into contact with the mating pins. Designed for use specifically with resin coated ("potted") PC boards.  
 \*The header is designed to accept VH mating receptacles.  
 \*The housing has a lock mechanism which prevents the connector from coming loose due to vibration. The mechanism also prevents misinsertion.

## VU connector

3.96mm pitch

- < Type >
- Disconnectable type
- Crimp style, With secure locking device
- < Current rating >
- 5A (AWG#18)
- < Voltage rating >
- 250V



VU connector is small type 3.96mm pitch PC board connector for large current and has the high reliability in a power supply circuit, considering the fully shrouded connector header structure against "vibrating connector" and "distorted extraction".

## BH connector (4.0mm pitch)

4mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps
- < Current rating >
- 1.0A (AWG#22)
- < Voltage rating >
- 600V



Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display back light lamps to their starters.  
 \*SMT configuration  
 \*Its crimp style contact can be inserted into the housing with little force, thus making them suitable for use with flexible wires such as those insulated with silicone rubber.

## JWPS connector (W to B)

4mm pitch

- < Type >
- Crimp style, Disconnectable type
- Crimp style, Waterproof connector
- < Current rating >
- 4A (AWG#22)
- 5A (AWG#20)
- 6A (AWG#18)
- < Voltage rating >
- 300V $\frac{1}{4}$



This JWPS connector can be used for the place of which especially waterproof is required. This is the wire-to-board connector that is grade 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529).

## DV connector

5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Polarization by pin arrangement, With locking device
- < Current rating >
- 5A (AWG#20)
- < Voltage rating >
- 250V



One position has a different pitch than the others. This provides the connector with polarization and prevents misinsertion.  
 \*Two-point contact  
 Each contact has two wiping areas which ensure stable and reliable connection.  
 \*Housing lances

## NV connector

5mm pitch

- < Type >
- Disconnectable type
- Crimp style, With locking device
- < Current rating >
- 10A (AWG#16)
- < Voltage rating >
- 250V

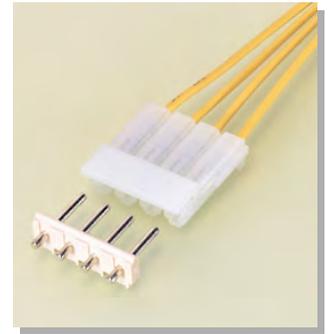


Suitable for a wide range of applications, from low-voltage, low-current signal circuits to power supply circuits requiring large currents.

## SV connector

5mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating >
- 5A (AWG#20)
- < Voltage rating >
- 250V

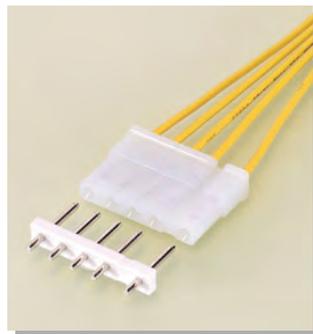


The directional features of the housing prevent reverse contact insertion.  
\*The housings with two or four circuits have locking mechanisms. This feature provides polarization and prevents misinsertion.

## V connector

5mm pitch

- < Type >
- Disconnectable type
- Crimp style, Polarization by pin arrangement
- < Current rating >
- 5A (AWG#20)
- < Voltage rating >
- 250V

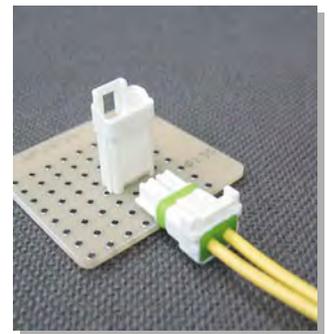


One position has a different pitch than the others. This provides the connector with polarization and prevents misinsertion.  
\*Two-point contact  
Each contact has two wiping areas which ensure stable and reliable connection.

## WPJ connector (W to B)

5mm pitch

- < Type >
- Crimp style
- Disconnectable type
- < Current rating >
- 7A (AWG#18)
- < Voltage rating >
- 300V



Compact, Water Resist and Durable.  
This connector for electrical connection can be used on both waterproof and non-waterproof conditions, depending on usage.  
Just by placing a rubber part will change it into a water resistant connector.  
Both conditions are using the same header.

## XL connector (W to B)

5mm pitch

- < Type >
- Disconnectable type
- Crimp style, With locking device
- < Current rating >
- 10A (2 circuits/AWG#16)
- < Voltage rating >
- 150V



The reliable XL connectors have been developed by utilizing the technology of JST's field proven VH and SM connectors. The XL connectors are being used in electric appliances, vending machines, and office automation equipment.

## JFA connector J300 series (W to B 5.08mm pitch)

5.08mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating >
- 15A (Single circuit/AWG#14)
- < Voltage rating >
- 600V



Connectors for signal circuit or power supply circuit, applicable to the factory automation, heavy electric machinery, and other industrial equipment in general.

## LC connector

5.08mm pitch

- < Type >
- Disconnectable type
- Crimp style, Secondary power supply for OA equipments
- < Current rating > 7A (AWG#18)
- < Voltage rating > 250V

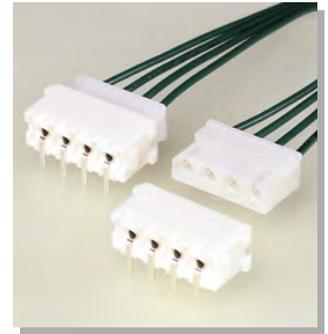


This connector is suited for bringing power to PC boards in office automation equipment. A major application has been in secondary power supply circuits of floppy disk drives. \*The plug and header are polarized, thus preventing misinsertion of the connector.

## LC connector L type

5.08mm pitch

- < Type >
- Disconnectable type
- Crimp style, Secondary power supply for OA equipments
- < Current rating > 5A (AWG#20)
- < Voltage rating > 250V

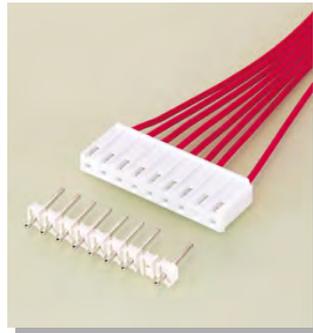


This connector is for the secondary power circuit used in the office automation equipment, such as the 3.5inch HDD and MO, including the DVD.

## VB connector

5.08mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating > 7A (AWG#18)
- < Voltage rating > 250V



This large current carrying capacity connector can be used with primary power supply circuits of consumer electronic products and various other circuits requiring large currents. \*Box-shaped contact

## BHT connector (W to B)

5.1mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps, Low-profile type
- < Current rating > 1.0A (AWG#24)
- < Voltage rating > 1500V



Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display back light lamps to their starters.

## JFA connector J4000 Series (W to B 6.0mm pitch) VL connector (W to B)

6mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating > 20A (3 circuits/AWG#12)
- < Voltage rating > 600V



Compact and high current capacity connector. This connector realizes high-density mounting on PC board.

6.2mm pitch

- < Type >
- Disconnectable type
- Crimp style, High current rating, With inner type secure locking device
- < Current rating > 20A (2circuits/AWG#12)
- < Voltage rating > 600V



Designed for circuits with high power requirements. The VL connectors can be used for wire-to-wire or wire-to-board connections. \*The inter-housing lock secures the plug to the receptacle and prevents accidental disconnection. \*Secondary retainers(optional)

## JFA connector J4000 Series (W to B 6.35mm pitch) VYH connector

### 6.35mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating >
- 20A (3 circuits/AWG#12)
- < Voltage rating >
- 600V



Compact and high current capacity connector. This connector realizes high-density mounting on PC board.

### 6.5mm pitch

- < Type >
- Disconnectable type
- Crimp style, High current rating
- < Current rating >
- 15A (2 circuits/AWG#14)
- < Voltage rating >
- 300V



This connector is designed for wire-to-board 6.5mm pitch connector corresponding to large current. Secondary retainer, which prevents from insufficient insertion of contact and coming off contact, may use and large current circuit can be connected certainly and safely.

## NVA connector

### 7.92mm pitch

- < Type >
- Disconnectable type
- Crimp style, High current rating, With locking device
- < Current rating >
- 10A (AWG#16)
- < Voltage rating >
- 250V



This large current carrying capacity connector is best suited for various kinds of power supply circuits. (Applicable up to 10A)  
\*Box-shaped contact  
\*Arm lock mechanism

## VA connector

### 7.92mm pitch

- < Type >
- Disconnectable type
- Crimp style, With locking device
- < Current rating >
- 7A (AWG#18)
- < Voltage rating >
- 250V



This large current carrying capacity connector can be used with primary power supply circuits of consumer electronic products and various other circuits requiring large currents.  
\*Compact connector (with a mounting height of 17.5mm) with a large capacity(7A).

## BH connector (8.0mm pitch)

### 8mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps
- < Current rating >
- 1.0A (AWG#22)
- < Voltage rating >
- 600V

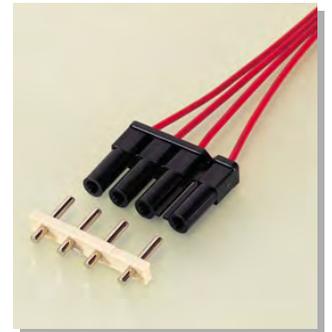


Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display back light lamps to their starters.  
\*SMT configuration  
\*Its crimp style contact can be inserted into the housing with little force, thus making them suitable for use with flexible wires such as those insulated with silicone rubber.

## LV connector

### 8mm pitch

- < Type >
- Disconnectable type
- Crimp style
- < Current rating >
- Standard type/5A(AWG#20)
- Low insertion force type/7A(AWG#18)
- < Voltage rating >
- 250V



This connector can be connected to headers having 2.36mm diameter pins.  
\*The mating section of the contact has a triangular configuration so that the terminal grips the round mating pin at three points.  
\*One position has a different pitch than the others.

## JFPS connector

8.8mm pitch

- < Type >
- Crimp style, Compact type
- Crimp style, Compact type, With secure locking device
- < Current rating > 35A (2-circuit:??AWG#10)
- < Voltage rating > 600V



Small type connector for large current. This connector corresponds the rated current of 35A at 2 circuits and is a top entry type board-to-wire connector.

## VT connector

11.88mm pitch

- < Type >
- Disconnectable type
- Crimp style, With locking device
- < Current rating > 12A (AWG#16)
- < Voltage rating > 250V



Can be connected to vinyl insulated flat cables (such as SPT, HVFF) ranging from AWG #20 to 16 which are used for primary sides of power circuits.  
\*PC board locking device makes temporary mounting and correct positioning onto the board easy.  
\*Misinsertion preventive construction and arm-lock mechanism.

## BH connector (12.0mm pitch)

12mm pitch

- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps
- < Current rating > 1.0A (AWG#22)
- < Voltage rating > 600V

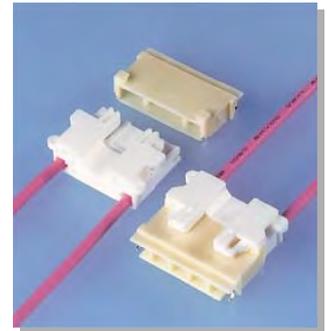


Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display back light lamps to their starters.  
\*SMT configuration  
\*Its crimp style contact can be inserted into the housing with little force, thus making them suitable for use with flexible wires such as those insulated with silicone rubber.

## BD connector (13mm pitch)

13mm pitch

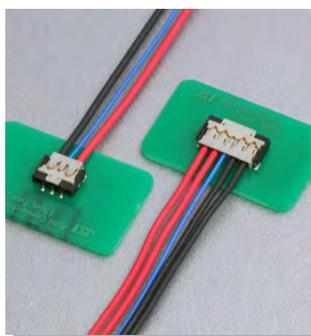
- < Type >
- Disconnectable type
- Crimp style, For LCD back light lamps, With secure locking device
- < Current rating > 1.0A (AWG#24)
- < Voltage rating > 3000V



Board-to-wire crimping type connector with high withstanding voltage, used for power supply of large LCD (Liquid Crystal Display or Liquid Crystal Television) back light.

## AUH Connector

- < Type >
- Crimp style, Disconnectable type
- Crimp style, Compact type, Low-profile type
- < Current rating > Power supply circuit/5A (AWG#22)
- Signal circuit/1A
- < Voltage rating > 30V



This AUH connector is compact and low profile type, height 1.85mm and width 5.2mm, wire-to-board connector. And also 5A in rating current was realized.

## CN connector (W to B)

- < Type >
- Disconnectable type
- Crimp style, Coaxial connector
- < Current rating > 1.0A (AWG#25)
- < Voltage rating > 250V



Connector for the GPS antenna system of the car navigation system. The CN connector applies the unique crimping method to the shielding meshed wires, which will result in superior high-frequency characteristics.

## JFA connector (Metal shell)

- < Type >
- Disconnectable type
- Crimp style



Metal shell type I/O connector which contacts are used also with JFA connector J2000 series and J300 series.

## SDF connector

- < Type >
- Disconnectable type
- Crimp style, Single-circuit type
- < Current rating > 5A



This terminal is used for 1.3mm diameter and 1.0mm square contacts.

## SIN terminal

- < Type >
- Board-in connector
- Crimp style, Board-in connector, Single-circuit type
- < Current rating > Depends on applicable wires



Various types of terminals are available for wide range of wires, from AWG #30 to 10.

## SMF connector

- < Type >
- Disconnectable type
- Crimp style, Single-circuit type
- < Current rating > 5A



For 1.0mm and 1.3mm diameter pins, having a funnel shaped lead-in to ease insertion and to ensure a balance with its high retaining force.

## SPF connector

- < Type >
- Disconnectable type
- Crimp style, Single-circuit type
- < Current rating > 5A



This terminal is used with 2.36mm diameter GT pins.