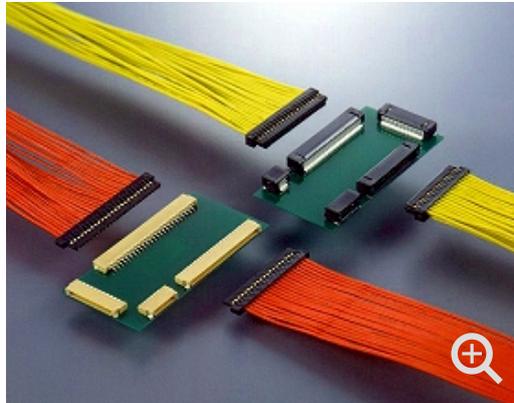


FI Series (1.25 mm Pitch, Board-to-Cable Connector)

1.25 mm Pitch, Board-to-Cable



1.25 mm pitch, Board-to-Cable connector for internal connection of small devices. 1row type suitable for thin devices, 2rows type for high density packaging. Box type receptacle with wall on four sides, Crimp type plug easy to terminate.

Features

- 1.25mm pitch, Board-to-cable connector for internal connection of small devices.
- 1row type suitable for thin devices, 2rows type for high density packaging (staggered contact arrangement)
- Low-profile, SMT type board-mount receptacle mounting height: 1.8mm (1row), 3.7mm (2rows)
- SMT terminals: 1row type 1.25mm spacing, 2rows type 0.625mm spacing
- Receptacle with hold-down for preventing float up when soldering, and offering additional retention on board.
- Crimp type cable plug for discrete wire.
- Key for preventing erroneous mating.
- Friction lock.
- Receptacles can be supplied in embossed tape allowing automatic mounting.

General Specifications

Number of Positions	1 row: 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30, 2 rows: 5, 7, 9, 11, 13, 15, 17, 19, 21, 31, 41
Rated Current	1 A
Dielectric Withstanding Voltage	500 VACr.m.s. (1 minute)
Insulation Resistance	100 megohm min.
Contact Resistance	40 milliohm max.

Applicable Cable	AWG #32 to #28 (discrete wire)
Operating Temperature Range	-40 deg. C to +80 deg. C

Notice

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.

For purchase, a product specification must be agreed upon.

2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.

3. The products presented in this web site are designed for the uses recommended below. We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

* Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.

* We may separately give you our support with a quality assurance program that you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

* Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc