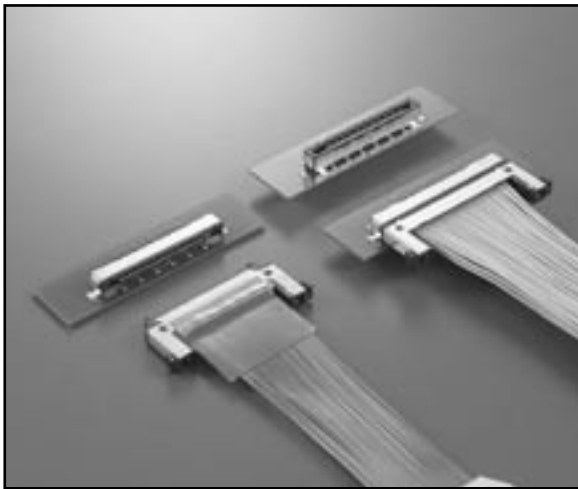


FI-R SERIES CONNECTORS

0.5mm (.0195") Pitch Connector for PCB-to-Cable



FEATURES

- Terminal pitch: 0.5mm, Connector height: 3.8mm, Compact design suitable for 21, 31, 41, 51pos.
- Stable mating condition with large mating guides on a plug side connector.
- Better PCB holding strength of a board side connector with hold downs to be soldered.
- Impedance matching: 100 ohm
- Choices from, with and without shell, angle and straight type for a board side with common board pattern.
- Mechanical lock attached
- Choices of cables from discrete wires for crimping, fine coaxial wires for soldering and FFC etc., depending on a purpose.
- VESA standard connector for LCD interface of LCD television



GENERAL SPECIFICATIONS

Number of Contacts	21, 31, 41, 51
Rated Current	0.8A max. per terminal
Dielectric Withstanding Voltage	500VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	40 milliohms max.
Operating Temperature	-40°C to +80°C

FI-R**S-HE (Board side Right angle hold-down type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy/Contact Area Au. SMT Terminal Area Sn Plating.
Insulator	Heat resistant plastic/none

FI-R**S-VF (Board side Straight hold-down type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy/Contact Area Au. SMT Terminal Area Sn Plating.
Insulator	Heat resistant plastic/none

FI-RE**S-HF (Board side Right angle shell type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy/Contact Area Au. SMT Terminal Area Sn Plating.
Insulator	Heat resistant plastic/none
Shell	Stainless Steel/none

FI-RE**S-VF (Board side Straight shell type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy/Contact Area Au. SMT Terminal Area Sn Plating.
Insulator	Heat resistant plastic/none
Shell	Stainless Steel/none

* Please consult JAE for verification of product availability.

Dimensions in mm (inches).

FI-R SERIES CONNECTORS

0.5mm (.0195") Pitch Connector for PCB-to-Cable

FI-R**H (Crimp housing)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy/Sn Plating.
Insulator	Heat resistant plastic/none

FI-RE**HL (Crimp housing Mechanical lock and shell type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Press Fit Shell	Copper Alloy/Sn Plating.
Insulator	Heat resistant plastic/none
Lock Spring	Stainless Steel/none

FI-RC3-1A-1E-15000 (Upper contact for Crimp housing)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Phosphor Bronze/ Contact Area Au Terminal Area Sn Plating

FI-RC3-1B-1E-15000 (Lower contact for Crimp housing)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Phosphor Bronze/ Contact Area Au Terminal Area Sn Plating

FI-RE**CL (Soldering Mechanical lock and shell type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Phosphor Bronze/ Contact Area Au Terminal Area Sn Plating
Press Fit Shell	Copper Alloy/Sn Plating
Insulator	Heat resistant plastic/none
Lock Spring	Stainless Steel/none

FI-RE**CL (Soldering Mechanical lock and shell type)

MATERIALS AND FINISHES*

Description	Materials/Finishes
Cover Shell	Stainless Steel/none

• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.