

# FOR BOARD-TO-CABLE CONNECTION

## 240R SERIES

### FEATURES

- 1.27 mm (0.050 in.) pitch contact arrangement enables high-density mounting.
- Bellows contacts ensure stable contact preventing pins from bending. The bellows contacts also have excellent stability with repeated insertion and extraction.
- Cables and connectors are assembled by discrete wire IDC.
- Connectors on the cable side provide superb EMI shielding/ESD protection with an inner-metal and outer-plastic dual cover.
- Conforms to IEEE 1284.C Interface
- Tails are spaced in a four-row staggered arrangement (2.54 mm × 1.905 mm) (0.100 in. × 0.075 in.) for easy PC board design.



### SPECIFICATIONS

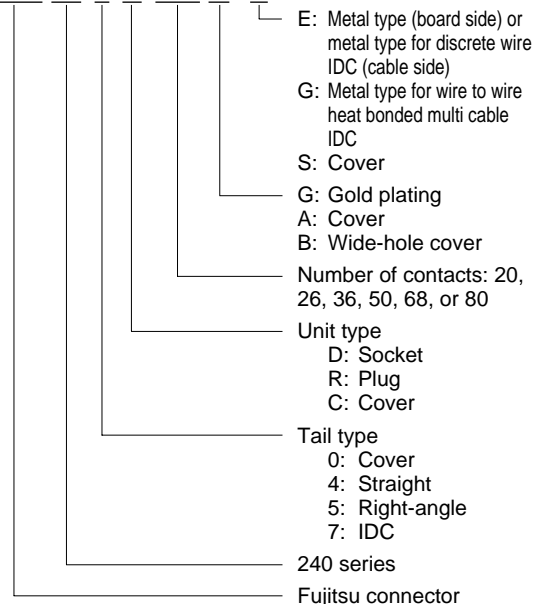
Item	Specifications
Operating temperature range	-55°C to +85°C
Current rating	DC 1 A
Voltage rating	AC 240 V
Contact resistance	50 mΩ max. (DC 20 mV, 10 mA)
Insulation resistance	1,000 MΩ min. (DC 500 V)
Dielectric withstand voltage	AC 750 V for 1 minute
Applicable wire	AWG #28 and #30 stranded wires with $\phi$ 0.5 to 0.65 mm (0.020 to 0.026 in.) insulation diameter

### MATERIALS

Item	Materials	
Insulator	Polyester (UL94V-0)	
Conductor	Copper alloy	
Plating	Contact	Gold plating
	Terminal	Palladium plating

### ORDERING CODE

FCN-24 5 D 050-G / E





# 240R Series

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