

# 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

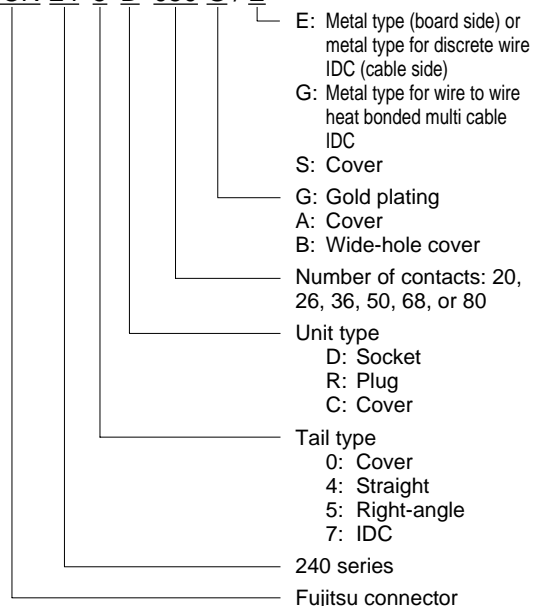
| Item                         | Specifications                                                                                     |
|------------------------------|----------------------------------------------------------------------------------------------------|
| Operating temperature range  | -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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