

# FOR BOARD-TO-CABLE CONNECTION

## 230R SERIES (CONFORMS TO SCSI)

### ■ FEATURES

- 1.27 mm × 2.54 mm (0.050 in. × 0.100 in.) pitch contact arrangement enables high-density mounting.
- Cables and connectors are assembled by means of discrete wire IDC.
- Terminals are spaced in a four-row staggered arrangement (2.54 mm × 1.905 mm) (0.100 in. × 0.075 in.).
- Knife-fork two-point contacts are highly reliable.
- One-touch lock types and screw lock types are available for fixing the board-side connector and the cable-side connector.
- The following connectors conform to the SCSI standards recommended by ANSI:
  - (1) Single-operation lock types
    - 50-contact type: Conforms to the A-cable connectors prescribed in SCSI-II and SCSI-III
    - 68-contact type: Conforms to the B-cable connectors prescribed in SCSI-II
  - (2) Screw lock types
    - 68-contact type: Conforms to the P/Q-cable connectors prescribed in SCSI-III

\* SCSI: Small Computer System Interface

### ■ SPECIFICATIONS

Item	Specifications
Operating temperature range	-55°C to +105°C
Current rating	DC 1 A
Voltage rating	AC 240 V
Contact resistance	30 mΩ max. (DC 6 V, 0.1A)
Insulation resistance	1000 MΩ min. (DC 500 V)
Dielectric withstand voltage	AC 750 V for 1 minute
Applicable wire (standard)	AWG #28 and #30 twisted-pair cables with φ 0.5 to 0.88 mm (0.020 to 0.035 in.) sheath diameter. (The applicable wires depend on the number of contacts. See the descriptions of IDC plugs and metal covers.)

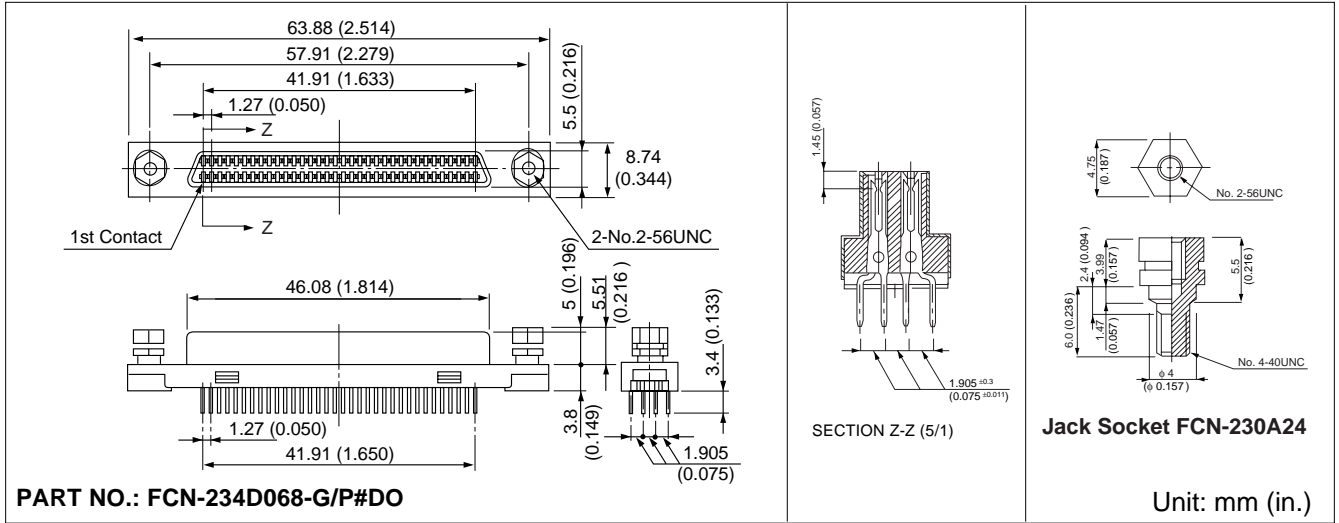


### ■ MATERIALS

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

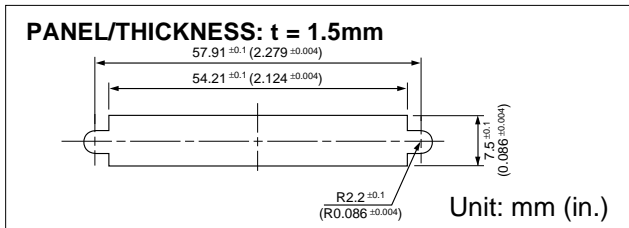
# FCN-234D068-G/P\*\*\* 68 CONTACT STRAIGHT TYPE, BOARD-SOCKET, SCREW TYPE LOCK

## DIMENSIONS

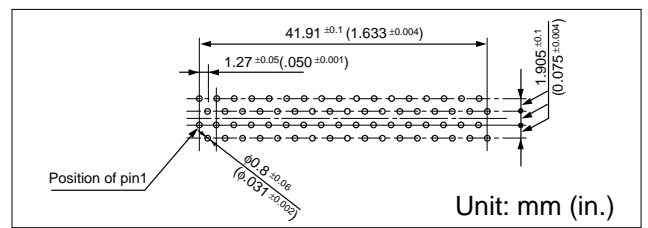


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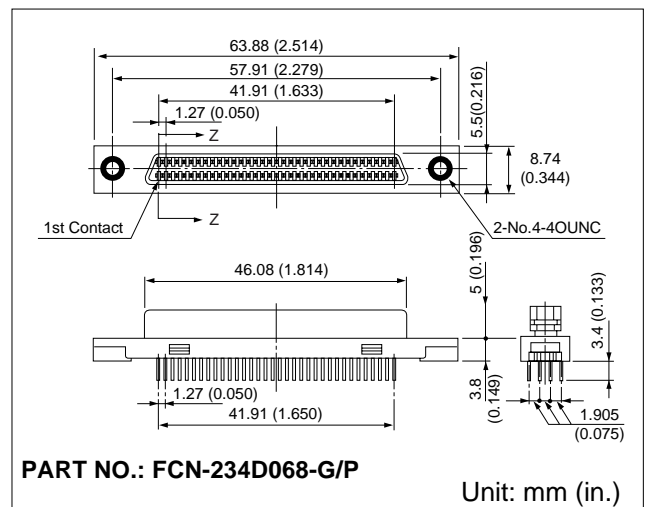
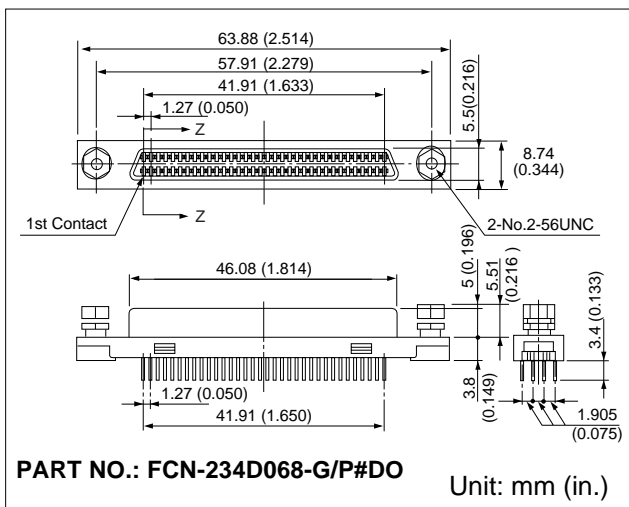
## PANEL LAYOUT



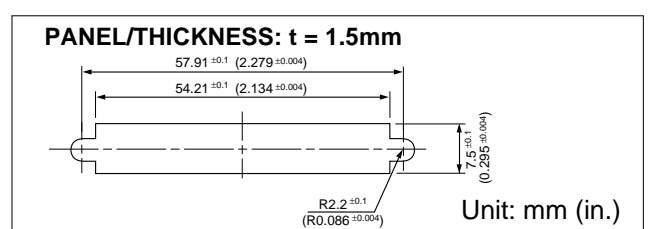
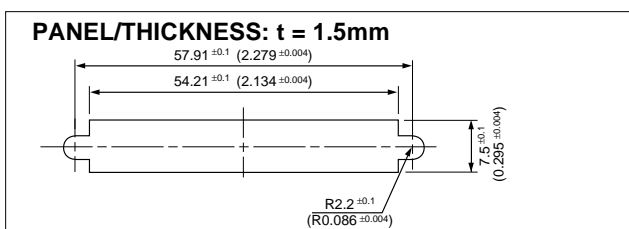
## MOUNTING HOLE LAYOUT



## DIMENSIONS



## PANEL LAYOUT



# 230R Series (Conforms to SCSI)

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