

PC BOARD CONNECTORS

720M SERIES (FOR FLAT CABLE CONNECTIONS)

■ FEATURES

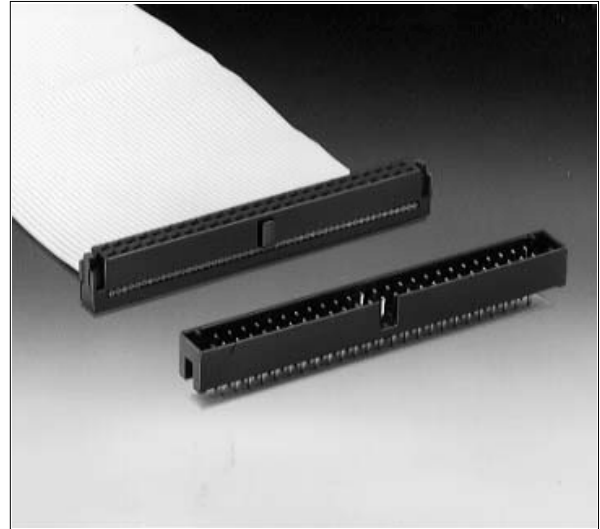
- The 720M series connectors can be used for 1.0 mm (0.039 in.) pitch flat cable connections.
- Pins are arranged in a 2.0 mm (0.079 in.) grid, enabling high-density mounting.
- These connectors can be used for 2.5-inch HDD connections.
- The bump structure is used to prevent incorrect insertion.
- Straight plugs are also available.

■ SPECIFICATIONS

Item	Specification
Operating temperature range	-55°C to +105°C
Current rating	DC 1 A
Voltage rating	AC 250 V
Contact resistance	20 mΩ max. (20 mV, 10 mA)
Insulation resistance	1000 MΩ min. (DC 500 V)
Dielectric strength	AC 500 V for 1 minute

■ MATERIALS

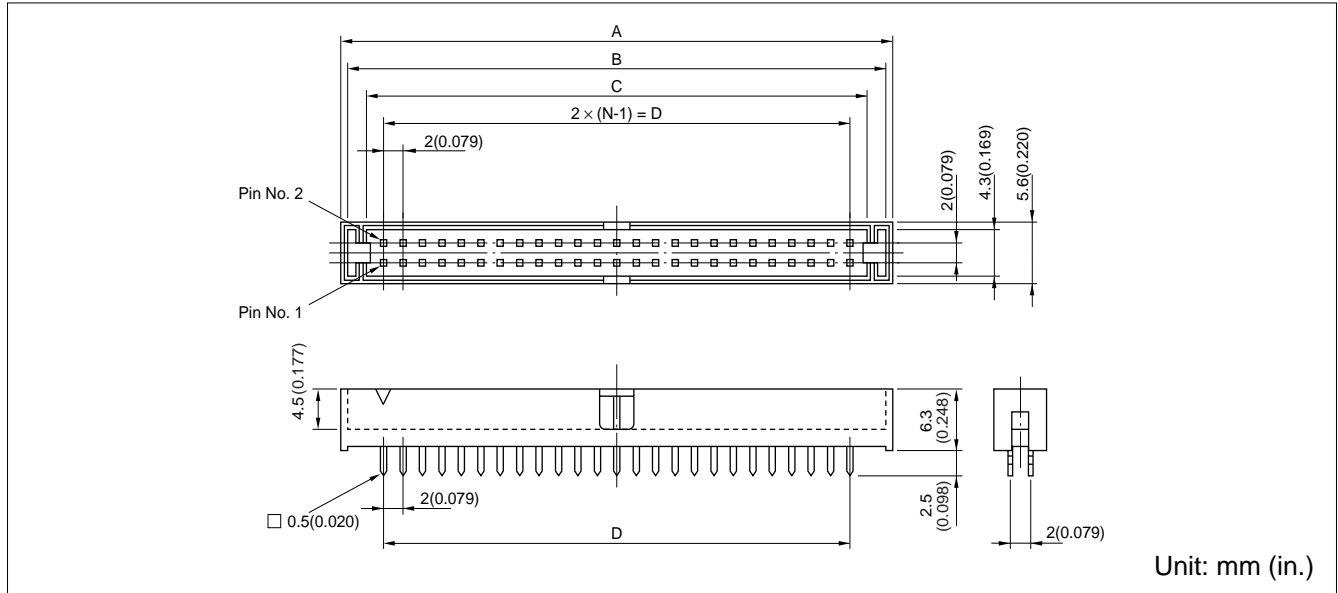
Item	Materials	
Insulating material	Polyester resin (UL94V-0)	
Conductor	Copper alloy	
Plating	Contact	Gold
	Terminal	Palladium



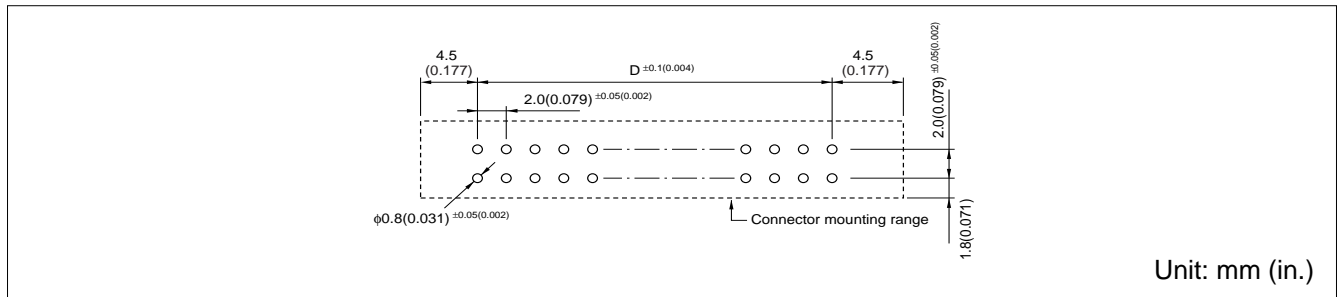
720M Series (For Flat Cable Connections)

STRAIGHT PLUG (BOX TYPE)

■ DIMENSIONS



■ MOUNTING HOLE LAYOUT



■ PART NUMBERS AND DIMENSIONS

Number of contacts	Part number	Dimensions (unit: mm (in.))			
		A	B	C	D
20	FCN-724Q020-G/VM	27.0 (1.063)	25.6 (1.008)	21.4 (0.842)	18.0 (0.709)
26	FCN-724Q026-G/VM	33.0 (1.300)	31.6 (1.244)	27.4 (1.078)	24.0 (0.945)
34	FCN-724Q034-G/VM	41.0 (1.614)	39.6 (1.560)	35.4 (1.394)	32.0 (1.260)
40	FCN-724Q040-G/VM	47.0 (1.850)	45.6 (1.795)	41.4 (1.630)	38.0 (1.496)
44	FCN-724Q044-G/VM	51.0 (2.008)	49.6 (1.950)	45.4 (1.787)	42.0 (1.655)
50	FCN-724Q050-G/VM	57.0 (2.244)	55.6 (2.189)	51.4 (2.023)	48.0 (1.890)