

FCN-754P***-**/0

FCN-750 Series PCB Connectors (2 Rows 2.54 mm Grid Terminal)

2 ROWS 2.54mm GRID TERMINAL PCB CONNECTORS

FEATURES

The FCN-750 series connector is slim — only 7 mm (0.275 in.) high and wide — and takes up very little space. The pins are in a 2.54 mm (0.100 in.) grid. It can be changed from a two-piece type connector to a direct solder dip connection without chang-

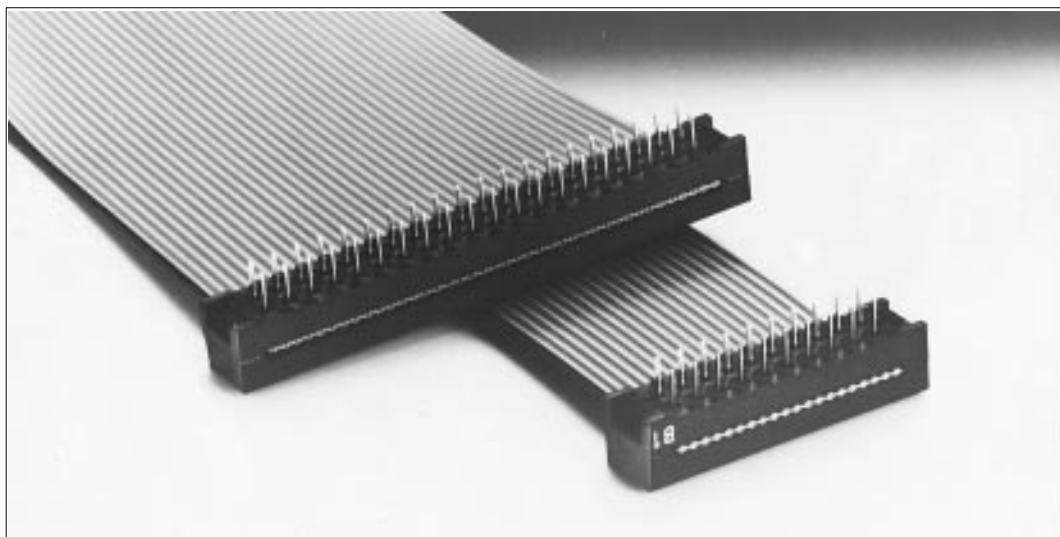
ing the PC board, because the mounting hole layout is the same as the Model 700 connector. The FCN-750 offers 10 to 60 contacts like the Model 700 connector.

SPECIFICATIONS

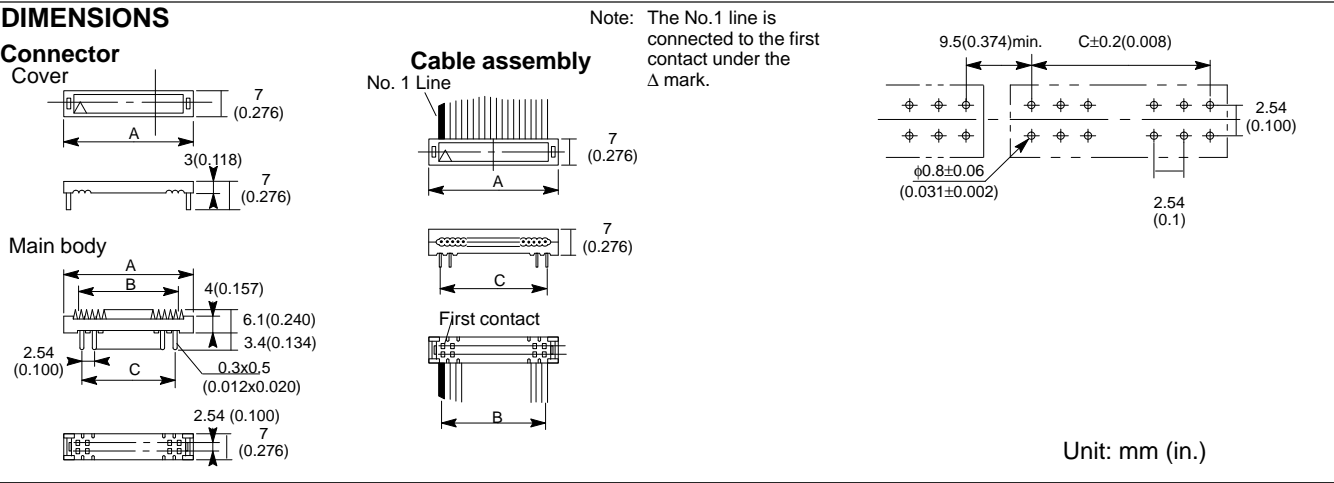
Temperature Range	–55 to +105°C
Current Rating	1 ADC
Voltage Rating	250 VAC
Insulation Resistance	1,000 MΩ min. (500 VDC)
Dielectric Withstand	500 VAC for 1 min.
Applicable Wire	Flat cable: 1.27 mm (0.05 in.) pitch, AWG #28 (standard wire), AWG #30 (solid wire)

MATERIALS

Contact		Copper Alloy
Insulator		Polyester, UL94V-0
Plating	Contacts	Gold over palladium over nickel (PAGOS) or tin
	Terminals	Gold over palladium over nickel (PAGOS) or tin



FCN-754P***-AU/0/-SN/0



No. of Con- tacts	Part Number		Dimensions (Unit: mm (in.))		
	Gold Plating	Tin Plating	A	B	C
10	FCN-754P010-AU/0	FCN-754P010-SN/0	19.2(0.756)	11.43(0.450)	10.16(0.400)
14	FCN-754P014-AU/0	FCN-754P014-SN/0	24.3(0.957)	16.51(0.650)	15.24(0.600)
16	FCN-754P016-AU/0	FCN-754P016-SN/0	26.8(1.055)	19.05(0.750)	17.78(0.700)
20	FCN-754P020-AU/0	FCN-754P020-SN/0	31.9(1.256)	24.13(0.950)	22.86(0.900)
24	FCN-754P024-AU/0	FCN-754P024-SN/0	37.0(1.457)	29.21(1.150)	27.94(1.000)
26	FCN-754P026-AU/0	FCN-754P026-SN/0	39.5(1.555)	31.75(1.250)	30.48(1.200)
30	FCN-754P030-AU/0	FCN-754P030-SN/0	44.6(1.756)	36.83(1.450)	35.56(1.400)
40	FCN-754P040-AU/0	FCN-754P040-SN/0	57.3(2.256)	49.53(1.950)	48.26(1.900)
50	FCN-754P050-AU/0	FCN-754P050-SN/0	70.0(2.756)	62.23(2.450)	60.96(2.400)
60	FCN-754P060-AU/0	FCN-754P060-SN/0	82.7(3.256)	74.93(2.950)	73.66(2.900)
64	FCN-754P064-AU/0	FCN-754P064-SN/0	87.8(3.457)	80.01(3.150)	78.4(3.100)



IDC TOOLS PHOTOS

- Note 1:** Connectors with cables are given as a group later.
- Note 2:** The 0 at the end of the designation is the number zero.

PART NUMBERS FOR IDC TOOLS

Tool Name	Part Number
Cable Cutter (common)	FCN-707T-T001/H
Hand Press (common)	FCN-707T-T101/H
FCN-750 Series Locator Plate	FCN-757T-T015/H

IDC TOOLS

Special IDC tools are used to assemble FCN-700 series connectors and flat cables. The tools come in a set of three – the cable cutter, the locator plate for positioning the connector and cable, and the hand press for applying force.

FEATURES

- The mechanisms are simple, so even beginners can use them easily.
- Those who own hand presses and cable cutters manufactured by other companies need to purchase only the locator plate.
- The assembly of cables and connectors with various numbers of contacts can be done by setting the connector guides to the specified positions.
- The cable cutter has an excellent cutting edge.