

SUNRIDGE

74XX0- SERIES

.100" (2.54 MM) CENTERLINE IDC EDGE CARD CONNECTOR

PRODUCT FEATURES:

- .100" (2.54MM) centerline with complete size range from 10 to 64 positions.
- Receptacle end insertions to .054" to .071" (1.37MM to 1.80MM) thick PCB edge, while insulation displacement end mass-terminates .050" (1.27MM) spacing ribbon cable.
- Secured interlock of cover to receptacle housing ensure reliable terminating to cable.
- Strain Relief option.
- Polarization key (between position 3,4 and 5,6) option and pin #1 registration ensure proper alignment to PCB edge and terminating cable.

MATERIAL:

Housing (and strain relief): GF PBT, UL 94 V-0 in black or gray color.

Contact: Copper alloy, underplated with nickel, tin plated, or gold plated with option in plating thickness.

PERFORMANCE CHARACTERISTICS:

Current Rating: 1 Amper

Dielectric Withstanding Voltage: 1000 V AC

Insulation Resistance: 5000 Megohm min

Contact Resistance: 15 miliohm max

Operating Temperature: -55 to +125

P/N DESIGNATION

74 0 - _ _ _ _
 1 2 3 4 5

1: TOTAL NO OF CONTACT

2: POLARIZATON KEY OPTION

0: WITHOUT KEY

1: WITH KEY

3: STRAIN RELIEF OPTION

0: WITHOUT STRAIN RELIEF

1: WITH STRAIN RELIEF

4: INSULATOR COLOR OPTION

0: BLACK

1: GRAY

5: GOLD PLATING THICKNESS OPTIONS:

T: TIN PLATED

0: GOLD FLASH

2: 10 u" GOLD

3: 20 u" GOLD

6: 30 u" GOLD

| NO. OF POSITION | BASIC P/N | DIMENSIONS IN (MM) | | |
|-----------------|-----------|--------------------|--------------|--------------|
| | | A | B | C |
| 10 | 74100- | .400(10.16) | .605(15.42) | .873(22.22) |
| 14 | 74140- | .600(15.24) | .805(20.50) | 1.073(27.30) |
| 16 | 74160- | .700(17.78) | .905(23.04) | 1.173(29.84) |
| 20 | 74200- | .900(22.88) | 1.105(28.12) | 1.373(34.92) |
| 26 | 74260- | 1.200(30.48) | 1.405(35.74) | 1.673(42.54) |
| 30 | 74300- | 1.400(35.58) | 1.605(40.82) | 1.873(47.62) |
| 34 | 74340- | 1.600(40.64) | 1.805(45.90) | 2.073(52.70) |
| 40 | 74400- | 1.900(48.28) | 2.105(53.52) | 2.373(60.32) |
| 50 | 74500- | 2.400(60.96) | 2.605(66.22) | 2.873(73.02) |
| 60 | 74600- | 2.900(73.66) | 3.105(78.92) | 3.373(85.72) |
| 64 | 74640- | 3.100(78.74) | 3.305(84.00) | 3.573(90.80) |

