

Dual In-Line Transition Connector



Series 8399

Series 8399 dual in-line transition connector is available in industry standard sizes of 10-64 positions. It will accommodate Series 2026 0.050" (1.27mm) ribbon cable, and is available with or without strain relief and has an optional cable stop facility. It forms a simple and cost effective method of terminating IDC ribbon cable to a PCB.



TECHNICAL SPECIFICATION

Material:

Molding - UL94VO rated glass filled grey polyester

Contact - Phosphor bronze

Contact Plating:

Pure Tin

Current Rating:

1 ampere

Voltage Rating:

350V DC or AC peak

Insulation Resistance:

>1000 megohms

Dielectric Withstanding Voltage:

1050 DC or AC peak

Operating Temperature:

-55°C to +105°C

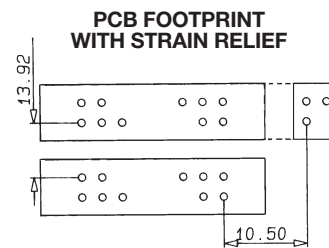
Wire Gauge:

26 AWG Solid & Stranded

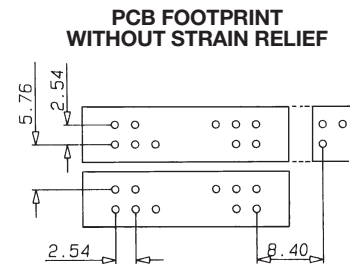
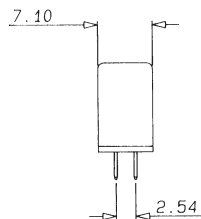
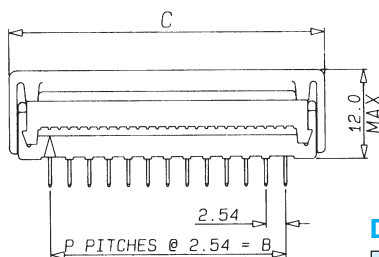
28 AWG Solid & Stranded

UL File No. E90723

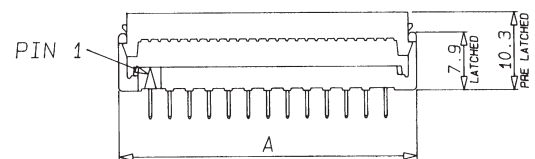
CSA File No. 1255749



WITH STRAIN RELIEF



WITHOUT STRAIN RELIEF



DIMENSIONS: millimeters (inches)

| No. of Positions | A | B | P | C |
|------------------|---------------|--------------|----|---------------|
| 010 | 18.45 (0.726) | 10.16 (.400) | 4 | 20.27 (0.798) |
| 014 | 23.53 (0.926) | 15.24 (.600) | 6 | 25.65 (1.01) |
| 016 | 26.07 (1.03) | 17.78 (.700) | 7 | 28.19 (1.11) |
| 020 | 31.15 (1.23) | 22.86 (.900) | 9 | 33.27 (1.31) |
| 026 | 38.77 (1.53) | 30.48 (1.20) | 12 | 40.89 (1.61) |
| 034 | 48.93 (1.93) | 40.64 (1.60) | 16 | 51.05 (2.01) |
| 040 | 56.55 (2.23) | 48.26 (1.90) | 19 | 58.67 (2.31) |
| 050 | 69.25 (2.73) | 60.96 (2.40) | 24 | 71.37 (2.81) |
| 060 | 81.95 (3.23) | 73.66 (2.90) | 39 | 84.07 (3.31) |
| 064 | 87.03 (3.42) | 78.74 (3.10) | 31 | 89.15 (3.51) |



Dual In-Line Transition Connector



Series 8399

ORDERING CODE

| | | | | | | |
|------------------------------|----------------------|--|---|------------------------------------|--|----------------|
| 00 | 8399 | 016 | 00 | 0 | 2 | 02 |
| Connector Code Prefix | Series Number | Number of Contacts | Strain Relief | Cable Stop | Contact | Plating |
| 00 = Standard | | 010 = 10 position 014 = 14 position 016 = 16 position 020 = 20 position 026 = 26 position 034 = 34 position 040 = 40 position 050 = 50 position 060 = 60 position 064 = 64 position | 00 = Without strain relief 01 = With strain relief | 0 = Without cable stop Standard | 2 = 3.6mm tail phosphor bronze 3 = 2.8mm tail phosphor bronze | 02 = Pure Tin |