

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 12 circuits
- For topcoated ribbon cable
- Wire range: 24 to 26 AWG
- Insulation diameter: 1.70mm max.
- Strip length: 6.00mm

Reference Information

Packaging: Tray
 UL File No.: E29179
 Designed In: Millimeters

Electrical

Voltage: 250V
 Current: 3.0A
 Contact Resistance: 20mΩ max.
 Dielectric Withstanding Voltage: 1000V AC/1 min.
 Insulation Resistance: 1000 MΩ min.

Mechanical

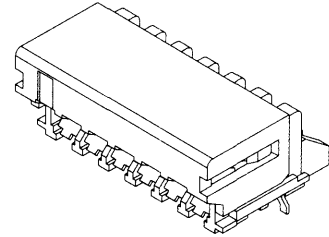
Wire Insertion Force: 0.5kgf max. (4.9N)
 Wire Retention Force: 1.2kgf min. (11.8N)

Physical

Housing: Glass-filled PBTP, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Tin
 Operating Temperature: -40 to +105°C

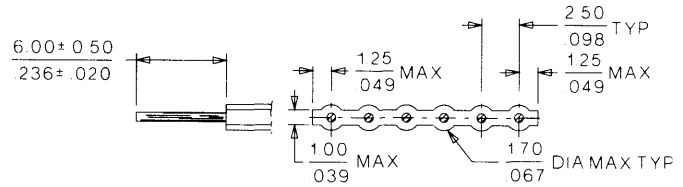
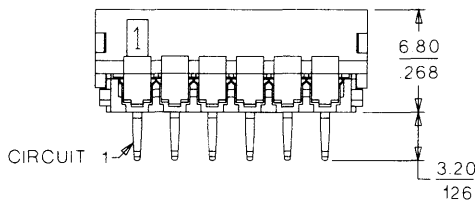
molex® 2.50mm (.098") Pitch
Wire Trap

52012
Push-Cover Style
Right Angle

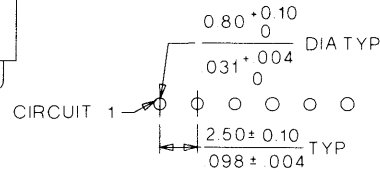
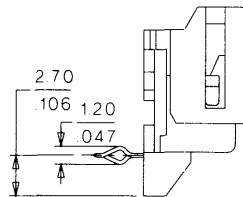
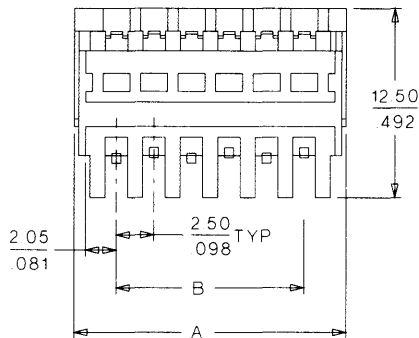


Wire Traps/Jumpers/ Holders

CATALOG DRAWING (FOR REFERENCE ONLY)



RECOMMENDED WIRE DIMENSION



PCB LAYOUT COMPONENT SIDE
 RECOMMENDED PCB THICKNESS: 1.60 ± 0.10 / 063 ± 0.04

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	52012-0210	8.10 (.319)	2.50 (.098)
3	52012-0310	10.60 (.417)	5.00 (.197)
4	52012-0410	13.10 (.516)	7.50 (.295)
5	52012-0510	15.60 (.614)	10.00 (.394)
6	52012-0610	18.10 (.713)	12.50 (.492)
7	52012-0710	20.60 (.811)	15.00 (.591)
8	52012-0810	23.10 (.909)	17.50 (.689)
9	52012-0910	25.60 (1.008)	20.00 (.787)
10	52012-1010	28.10 (1.106)	22.50 (.886)
11	52012-1110	30.60 (1.204)	25.00 (.985)
12	52012-1210	33.10 (1.303)	27.50 (1.083)