

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 20 circuits
- 4-point IDT contact
- 2-point interface pin contact

Reference Information

Product Specification: PS-8160
 Packaging: Bulk
 Mates With: 3022, 3094 and 93610
 Designed In: Millimeters

Electrical

Voltage: 250V
 Current: 4.0A
 Contact Resistance: 8mΩ max.
 Dielectric Withstanding Voltage: 3000V AC
 Insulation Resistance: 200K MΩ min.

Mechanical

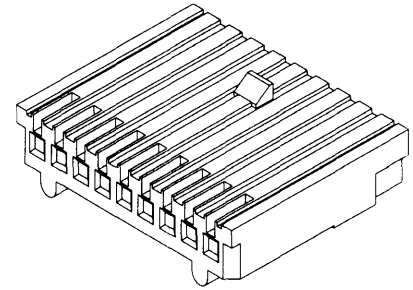
Contact Retention to Housing 28N min.
 Wire Pull-Out Force: Vertical—28.9N min.
 Horizontal—8.9N min.
 Mating Force: 2.5N max.
 Unmating Force: 1.8N min.
 Durability: 10 cycles

Physical

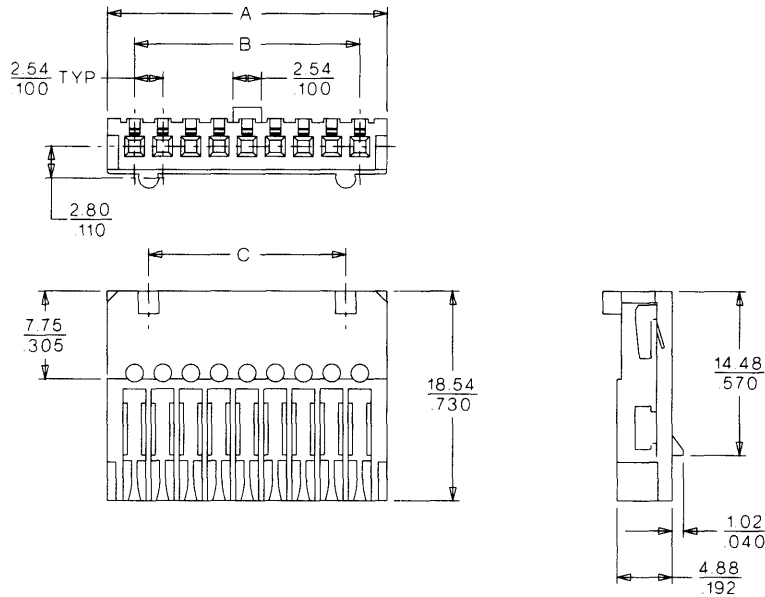
Housing: Polyester, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Hot Tin/Lead—dip 1.0-2.50μm
 Wire Accommodation: 24 AWG solid discrete wire and cable
 Insulation Diameter: 1.00 (.039) to 1.52mm (.060") max.

molex® 2.50mm (.098") Pitch Connector

8160-NG Euro 250 Series In-Line Wire Exit



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension		
		A	B	C
2	38-00-7272	7.50 (.295)	2.50 (.098)	
3	38-00-7384	10.00 (.394)	5.00 (.197)	2.50 (.098)
4	38-00-7385	12.50 (.492)	7.50 (.295)	5.00 (.197)
5	38-00-7386	15.00 (.591)	10.00 (.394)	7.50 (.295)
6	38-00-7387	17.50 (.689)	12.50 (.492)	10.00 (.394)
7	38-00-7388	20.00 (.787)	15.00 (.591)	12.50 (.492)
8	38-00-7389	22.50 (.886)	17.50 (.689)	15.00 (.591)
9	38-00-7390	25.00 (.984)	20.00 (.787)	17.50 (.689)
10	38-00-7391	27.50 (1.083)	22.50 (.886)	20.00 (.787)
11	38-00-7392	30.00 (1.180)	25.00 (.984)	22.50 (.886)

Circuits	Order No.	Dimension		
		A	B	C
12	38-00-7393	32.50 (1.280)	27.50 (1.083)	25.00 (.984)
13	38-00-7394	35.00 (1.378)	30.00 (1.180)	27.50 (1.083)
14	38-00-7395	37.50 (1.477)	32.50 (1.280)	30.00 (1.180)
15	38-00-7396	40.00 (1.575)	35.00 (1.378)	32.50 (1.280)
16	38-00-7397	42.50 (1.674)	37.50 (1.477)	35.00 (1.378)
17	38-00-7398	45.00 (1.772)	40.00 (1.575)	37.50 (1.477)
18	38-00-7399	47.50 (1.870)	42.50 (1.674)	40.00 (1.575)
19	38-00-7400	50.00 (1.969)	45.00 (1.772)	42.50 (1.674)
20	38-00-7401	52.50 (2.067)	47.50 (1.870)	45.00 (1.772)

B
2.00 to 2.50mm (.079 to .098") Pitch