FEATURES AND SPECIFICATIONS

Features and Benefits

- Wire-to-wire plug for panel-mounted or free-hanging applications
- Available with and without panel mounting ears
- Positive housing locks to mate with Mini-Fit, Jr. receptacle
- Fully isolated terminals to protect contacts from damage

Reference Information

Product Specification: PS-5556-0001 Packaging: Tray or bag UL File No.: E29179 CSA File No.: LR19980 TUV License No.: R75142 Mates With: 5557 single row receptacle

Connectors

Power

Uses standard Mini-Fit series terminals

Use With: 5558, 30490 or 44478 terminals Designed In: Millimeters

Mechanical

Contact Insertion Force: 1.5kg max. Contact Retention to Housing: 3.0kg min. Wire Pull-Out Force: 9.0kg min. Insertion Force to PCB: 5.0kg max. Mating Force: 0.7kg (1.54 lb) max. Unmating Force: 0.35kg (0.7 lb) min. Normal Force: 200g min. Durability: 30 cycles

Physical

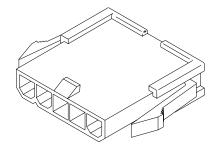
Housing: 6/6 nylon, UL 94V-2 or 94V-0 Contact: Brass or Phosphor Bronze Plating: Tin, select Gold or overall Gold Operating Temperature: -40 to +105°C



4.20mm (.165") Pitch Mini-Fit, Jr.™ Plug

5559

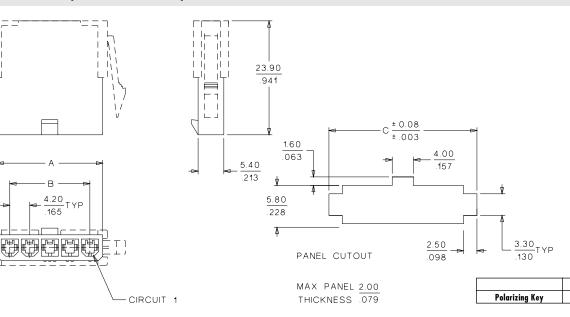
Single Row, With and Without Panel Mount Ears



Order No.

15-04-0211

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Dimension		
	Panel Mount		Free Hanging		٨	D	
	94V-2	94V-0	94V-2	94V-0	A	0	, ,
3*	• 39-01-4032	• 39-01-4033	• 39-01-4036	• 39-01-4037	13.80 (.543)	8.40 (.331)	19.20 (.756)
4			• 39-01-4046		18.00 (.709)	12.60 (.496)	23.40 (.921)
5	• 39-01-4052	 39-01-4053 	• 39-01-4056	• 39-01-4057	22.20 (.847)	16.80 (.661)	27.60 (1.087)

• US Standard Product, available through Molex franchised distributors

* 3-circuit plug designed for first-mate/last-break applications