

FEATURES AND SPECIFICATIONS

Features and Benefits

- Optional full shield
- Surface mount compatible
- 100% tested for hi-pot and continuity
- Duplex-plated 50µ" Gold meets FCC part 68 requirements
- Meets UL 1863 Sec. 8 Electrical Probe and UL 1863 Sec. 20 Child Finger Test

Reference Information

Product Specification: PS-43249
 Packaging: Anti-static trays
 UL File No.: E107635
 CSA File No.: LR19980
 Mates With: FCC 68 plugs
 Designed In: Inches

Electrical

Voltage: 125V
 Current: 1.5A
 Contact Resistance: 10mΩ max.
 Dielectric Withstanding Voltage: 1000V AC
 Insulation Resistance: 500 MΩ min.

Mechanical

Durability: 500 cycles min.

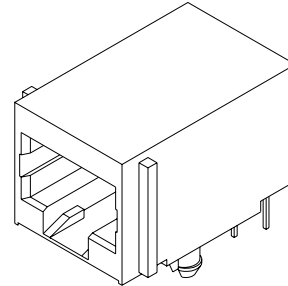
Physical

Housing: Black glass-filled nylon, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Post plate 1.27 to 1.52µm (50 to 60µ") Gold in contact area, 1.90µm (75µ") min. (90/10) Tin/Lead in tail area both over Nickel overall
 Operating Temperature: -40 to +80°C

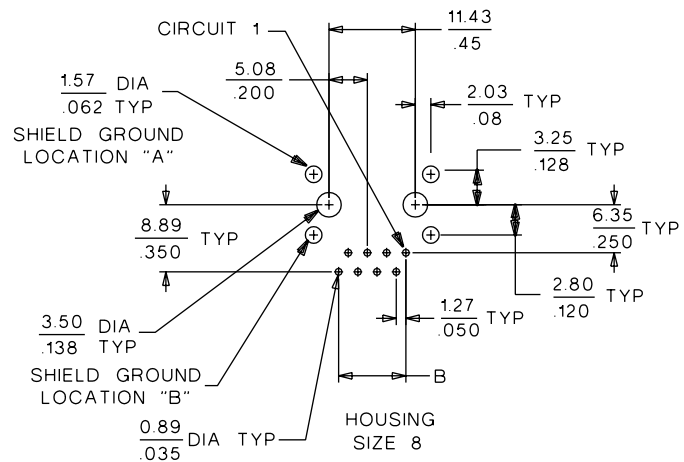
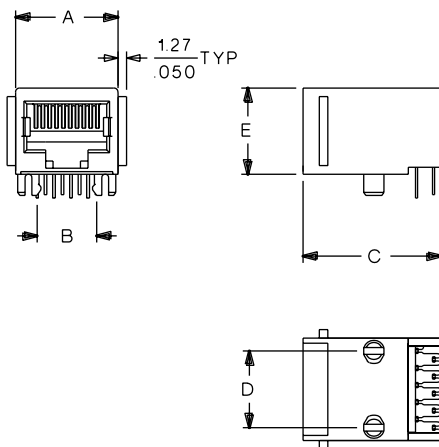
molex® Modular Jack

43249

**Right Angle, Low Profile
 Shielded and Unshielded
 Versions**



CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB 1.57
 THICKNESS .062

ORDERING INFORMATION AND DIMENSIONS

Circuits	Loaded Contacts	Shield Panel Ground Tab Options	Order No.				Dimension				
			Unshielded Flush Mount	Unshielded Flangeless	Front Position PCB Grounding Tabs	Rear Position PCB Grounding Tabs	A	B	C	D	E
6	4	None	43249-6004	43249-6104			13.21 (.520)	3.81 (.150)	20.57 (.810)	10.16 (.400)	12.83 (.505)
6	6	None	43249-6001	43249-6101			13.21 (.520)	6.35 (.250)	20.57 (.810)	10.16 (.400)	12.83 (.505)
8	6	None	43249-8010	43249-8116			15.75 (.600)	6.35 (.250)	20.57 (.810)	11.43 (.450)	12.83 (.505)
8	8	None	43249-8004	43249-8104			15.75 (.600)	8.89 (.350)	20.57 (.810)	11.43 (.450)	12.83 (.505)
		All panel ground tabs			43249-8919	43249-8927	16.15 (.636)	8.89 (.350)	21.05 (.829)	11.43 (.450)	13.00 (.512)
		Offset panel ground tabs			43249-8918	43249-8926	16.15 (.636)	8.89 (.350)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	8	Top panel ground tabs			43249-8917	43249-8925	16.15 (.636)	8.89 (.350)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	8	No panel ground tabs			43249-8916	43249-8924	16.15 (.636)	8.89 (.350)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	10	None	43249-8001	43249-8101			15.75 (.600)	11.43 (.450)	20.57 (.810)	11.43 (.450)	12.83 (.505)
8	10	All panel ground tabs			43249-8903	43249-8911	16.15 (.636)	11.43 (.450)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	10	Offset panel ground tabs			43249-8902	43249-8910	16.15 (.636)	11.43 (.450)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	10	Top panel ground tabs			43249-8901	43249-8909	16.15 (.636)	11.43 (.450)	21.05 (.829)	11.43 (.450)	13.00 (.512)
8	10	No panel ground tabs			43249-8900	43249-8908	16.15 (.636)	11.43 (.450)	21.05 (.829)	11.43 (.450)	13.00 (.512)

Note: Contact Molex for alternative circuit sizes, keying options and shield options.