

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 6 circuits
- Inverted plug latch on top for easy insertion and extraction
- Split snap-fit PCB retention pegs
- Compact design saves PCB real estate

Reference Information

Packaging: Tray
 Mates With: FCC 68 plugs
 UL File No.: E107635
 CSA File No.: LR19980
 Designed In: Millimeters

Electrical

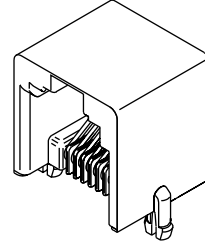
Current: 1.2A
 Contact Resistance: 20mΩ max.
 Dielectric Withstanding Voltage: 1000V AC/1 min.
 Insulation Resistance: 1000 MΩ min.

Physical

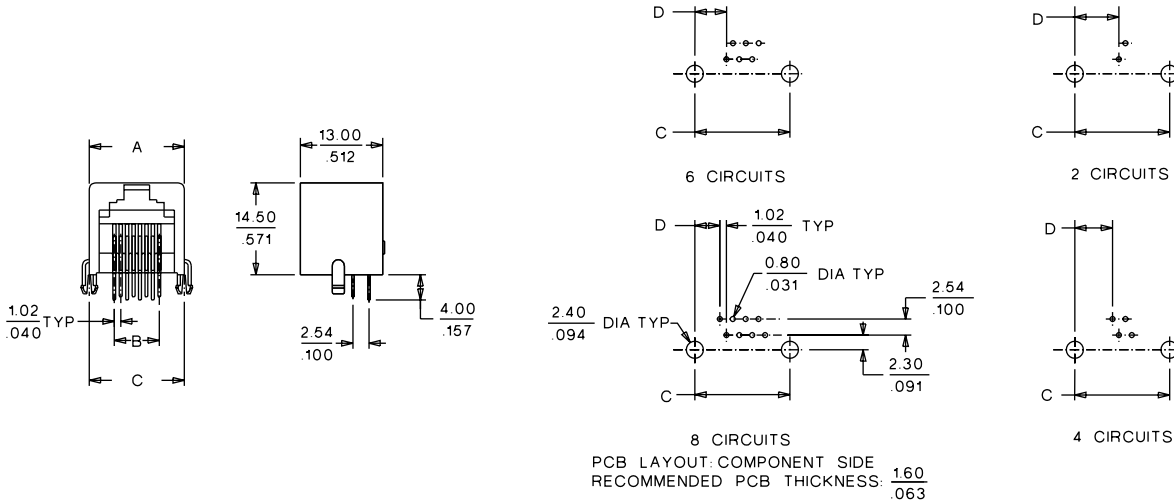
Housing: Glass-filled polyester, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Gold 1.27μm min. over Nickel in contact area;
 Tin/Lead over Nickel in solder tail area
 Operating Temperature: -40 to +80°C

molex® Modular Jack

52018 Right Angle, Inverted Standard Profile



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Loaded Contacts	Order No.	Dimension			
			A	B	C	D
4	2	52018-4245	12.20 (.480)	1.02 (.040)	12.00 (.472)	5.49 (.216)
4	4	52018-4445	12.20 (.480)	3.05 (.120)	12.00 (.472)	4.48 (.176)
6	2	52018-6245	12.20 (.480)	1.02 (.040)	12.00 (.472)	5.49 (.216)
6	4	52018-6445	12.20 (.480)	3.05 (.120)	12.00 (.472)	4.48 (.176)
6	6	52018-6645	12.20 (.480)	5.08 (.200)	12.00 (.472)	3.46 (.136)
8	2	52018-8245	15.00 (.591)	1.02 (.040)	15.00 (.591)	6.99 (.275)
8	4	52018-8445	15.00 (.591)	3.05 (.120)	15.00 (.591)	5.98 (.235)
8	6	52018-8645	15.00 (.591)	5.08 (.200)	15.00 (.591)	4.96 (.195)
8	8	52018-8845	15.00 (.591)	7.11 (.280)	15.00 (.591)	3.94 (.155)

Note: 0.38μm (15μ") and 0.76μm (30μ") Gold plating also available, contact Molex

Modular Plugs and Jacks

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