

Printed Circuit Board Modular Jacks (Continued)

High Performance Modular Jacks

Product Facts

- Performance exceeds Near End Crosstalk (NEXT) requirements of -40dB at 100 MHz per EIA/TIA 568A
- Meets all dimensional, tolerance and metallic plating requirements of FCC Part 68
- Available in single port or multiple port configurations, shielded or unshielded
- Accurately positioned solder tails reduce assembly labor while selectively deposited gold plating results in lower cost
- Eliminate need for customized printed circuit board compensation to achieve high performance

Material and Finish:

Housing - Polyester, Black, UL 94V-0 rated

Contact - Phosphor bronze, gold over nickel plated in contact area, tin-lead over nickel in solder area

Shield - Brass, bright tin-lead plated

Specifications

Current - 1.5 amperes maximum at 25°C

Voltage - 150 VAC maximum

Operating Temperature - -40°C to 70°C

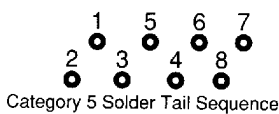
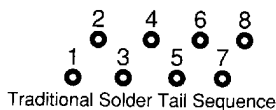
Insulation Resistance - 500 megohms minimum

Dielectric Withstanding Voltage - 1000 VAC, RMS

Mating/Unmating Forces - 5 pounds maximum

Durability (Mating Cycles) - 750 minimum

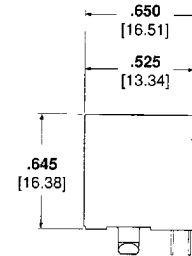
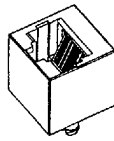
Note: See Catalog 65697, Quiet Line Filtered Modular Jacks, for Filtered jacks.



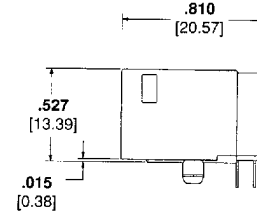
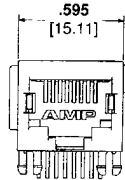
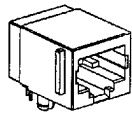
Technical Documents
Application Specifications
114-02048

Product Specification
108-01163-2

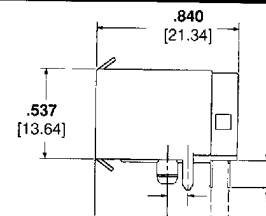
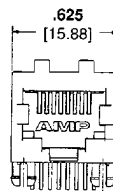
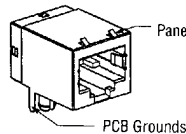
Top Entry shown without Panel Stops



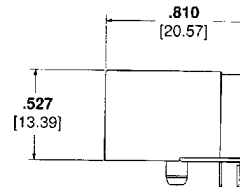
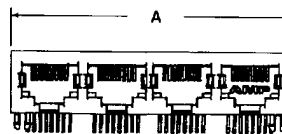
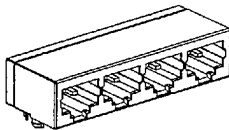
Side Entry shown with Panel Stops



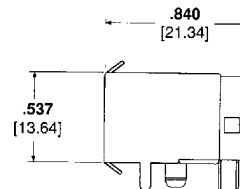
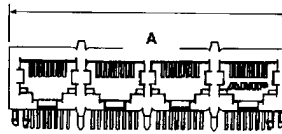
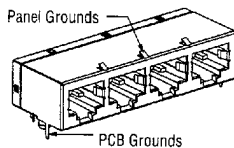
Side Entry Shielded shown with Panel Grounds



Multi-Port Unshielded



Multi-Port Shielded



Note: Available in 8 position only.

No. of Ports	Entry	Dimensions	Shielded		Unshielded		
			PC Ground ONLY	Panel & PC Ground	Panel Stop	W/O Panel Stops	
Single Port	Top	Unkeyed	.610	—	—	558399-1	558397-1
		Keyed	.610	—	—	558450-1	558398-1
	Side	Unshielded	.595	—	—	558343-1	558341-1
		Keyed	15.11	—	—	569107-1	—
Multi-Port	Side	Shielded	.625	558342-1	558344-1	—	—
		Unshielded	15.87	—	—	—	—
	Side	Shielded	2.33	558503-1	558524-1	—	—
		Unshielded	59.18	—	—	—	558500-1
Multi-Port	Side	Shielded	2.30	558504-1	558525-1	—	—
		Unshielded	58.42	—	—	—	558501-1
	Side	Shielded	3.43	—	—	—	—
		Unshielded	87.12	—	—	—	558501-1
8	Side	Shielded	4.53	558505-1	558526-1	—	—
		Unshielded	115.06	—	—	—	558502-1
			4.50	—	—	—	558502-1
			114.30	—	—	—	558502-1

Note: See customer prints for suggested printed circuit board layouts and panel cutouts.

For drawings or technical data, contact your AMP sales engineer or call the AMP Product Information Center: 1-800-522-6752. Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents. Specifications subject to change. Consult AMP for latest specifications.