



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

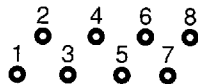
Insulation Resistance - 500 megohms minimum

Dielectric Withstanding Voltage - 1000 VAC, RMS

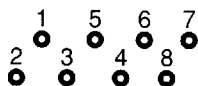
Mating/Unmating Forces - 5 pounds maximum

Durability (Mating Cycles) - 750 minimum

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



Traditional Solder Tail Sequence



Category 5 Solder Tail Sequence

Technical Documents

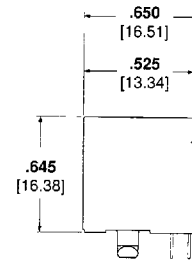
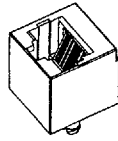
Application Specifications

114-02048

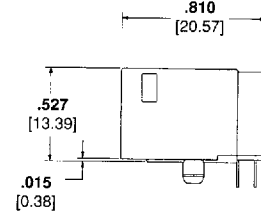
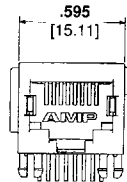
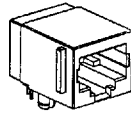
Product Specification

108-01163-2

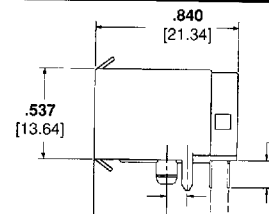
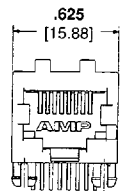
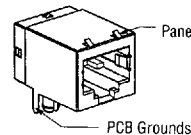
Top Entry shown without Panel Stops



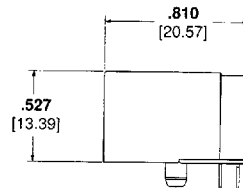
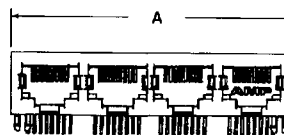
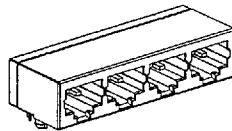
Side Entry shown with Panel Stops



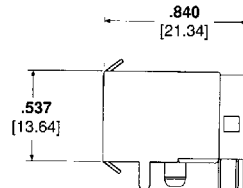
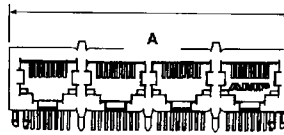
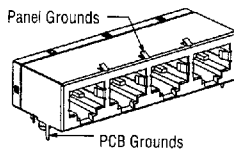
Side Entry Shielded shown with Panel Grounds



Multi-Port Unshielded



Multi-Port Shielded



Note: Available in 8 position only.

No. of Ports	Entry	Dimensions A	Shielded		Unshielded		
			PC Ground ONLY	Panel & PC Ground	Panel Stop	W/O Panel Stops	
Single Port	Top	Unkeyed	.610 15.49	—	—	558399-1	558397-1
		Keyed	.610 15.49	—	—	558450-1	558398-1
	Side	Unshielded	.595 15.11	—	—	558343-1	558341-1
		Keyed	.595 15.11	—	—	569107-1	—
Multi-Port	4	Shielded	2.33 59.18	558503-1	558524-1	—	—
		Unshielded	2.30 58.42	—	—	—	558500-1
	6	Shielded	3.43 87.12	558504-1	558525-1	—	—
		Unshielded	3.40 86.36	—	—	—	558501-1
	8	Shielded	4.53 115.06	558505-1	558526-1	—	—
		Unshielded	4.50 114.30	—	—	—	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.