Printed Circuit Board Modular Jacks (Continued)

Through-Hole Top Entry

Product Facts

- **Meets or exceeds FCC Part 68 rules and regulations; REA PE-76; and UL 1863, Communication Circuit Accessories**
- **Meets 1000 volt dielectric requirement**
- **Designed for direct mounting on pc boards**
- **Designed for ease of soldering and board cleaning**
- **Selectively gold plated contacts for lower cost**
- **All jacks are UL 94V-0 flame retardant polyester, standard color black, unless specified otherwise**
- **Listed by Underwriters Laboratories Inc., File No. E81956**
- **Certified by Canadian Standards Association, File No. LR 7182**

Specifications

Electrical:

Current Rating - 1.5 amp max. @ 25°C, derated to 0.2 amp max. @ 70°C ambient

Voltage Rating - 150 volts ac max.

Dielectric Withstanding Voltage - 1000 VAC, RMS, 60 Hz, 1 min.

Insulation Resistance - 500 megohms min.

Surge Test - to 1000 volts

Mechanical:

Pc Board Retention - will not dislodge from pc board when subjected to 1 lb [4.4N] pull before soldering and 10 lbs [44N] pull after soldering

Durability - 750 mating cycles

Material and Finish:

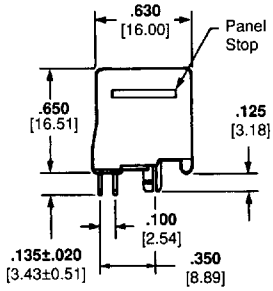
Housing - Polyester (wave solder compatible), UL 94V-0 rated

Contact - .014 [0.36] thk. phosphor bronze; plated .000050 [0.00127] gold in contact area and .000150 [0.00381] tin-lead on solder tails, over .000050 [0.00127] nickel underplate

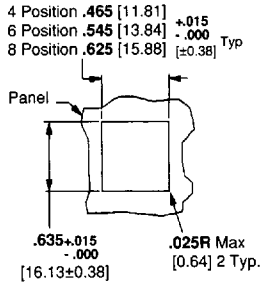
Technical Documents

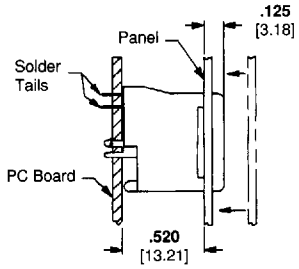
Application Specifications
114-02048

Product Specifications
108-01163



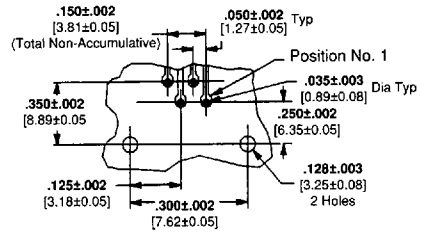
View Shown Is With Panel Stops



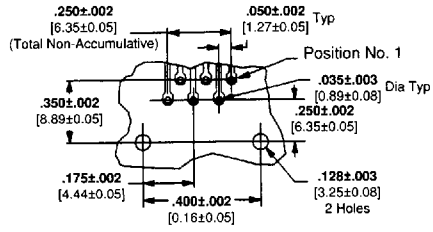


SUGGESTED PANEL CUTOUT

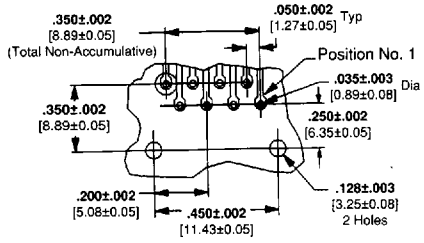
4 POSITION



6 POSITION



8 POSITION



SUGGESTED PC BOARD LAYOUTS - Views Shown Are Circuit Side (Non-Component) of PC Board

Description	No. of Pos.	No. of Contacts	Dimensions A	Dimensions B	Dimensions C	Jack Part Numbers Tray Loaded	Jack Part Numbers Tube Loaded
Top Entry with Panel Stops	4	4	.555 13.97	.455 11.43	.300 7.62	520257-2	520257-3
	4 Gray	4	.555 13.97	.455 11.43	.300 7.62	556383-3	556383-2
	6	4	.635 16.00	.535 13.46	.400 10.16	520258-2	—
	6	6	.635 16.00	.535 13.46	.400 10.16	520258-3	520258-4
	6 Gray	6	.635 16.00	.535 13.46	.400 10.16	556382-3	556382-3
	8	8	.715 18.03	.615 15.49	.450 11.43	520259-4	—
	8 Keyed	8	.715 18.03	.615 15.49	.450 11.43	520260-4	—
	8 Gray	8	.715 18.03	.615 15.49	.450 11.43	—	556383-2
Top Entry without Panel Stops	4	4	—	.455 11.43	.300 7.62	558872-1	—
	6	4	—	.535 13.46	.400 10.16	520425-2	—
	6	6	—	.535 13.46	.400 10.16	520425-3	—
	8	8	—	.615 15.49	.450 11.43	556416-1	556416-2
	8 Keyed	8	—	.615 15.49	.450 11.43	555799-1	—

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.

Printed from www.freetradezone.com, a service of Partminer, Inc
This Material Copyrighted by Its Respective Manufacturer

07F 0797312 0031516 T45