

FEATURES AND SPECIFICATIONS

Features and Benefits

- Automatic vacuum placement possible
- Foot pattern identical to industry standard
- High reliability, square contact
- 0.10mm (.004") coplanarity

Reference Information

Product Specification: PS-95003

Packaging: Antistatic blister tape on 13, 15 or 22" reels

Mates With: FCC68 plugs

Designed In: Millimeters

Electrical

Voltage: 125V

Current: 1.5A

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 1000V

Insulation Resistance: 500 MΩ min.

Physical

Housing: Black polyamide, UL 94V-0

Contact: Phosphor Bronze

Plating: Contact Area—Post plate 1.27 to 1.52μm
(50 to 60μ") Gold

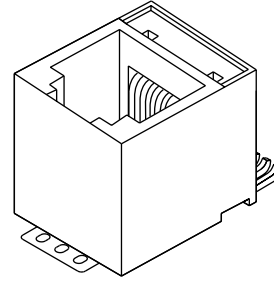
Solder Tail Area—1.90μm (75μ") min. Tin/Lead
Underplating—Nickel

Operating Temperature: -40 to +80°C

molex® **Modular Jack**

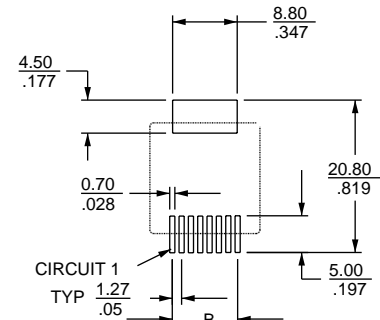
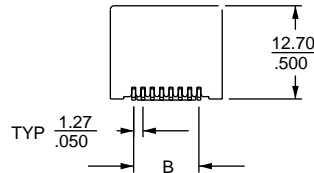
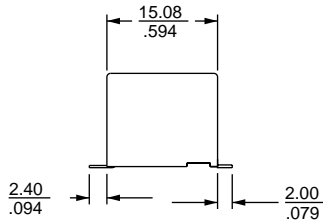
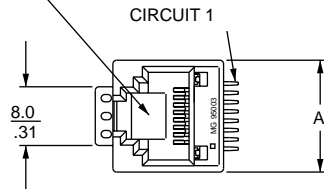
85513

**SMT, Vertical
Low Profile**



CATALOG DRAWING (FOR REFERENCE ONLY)

FLAT SURFACE ON BOTH SIDES
FOR PICK AND PLACE PURPOSE



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS:

1.57
.062

ORDERING INFORMATION AND DIMENSIONS

Circuits	Loaded Contacts	Order No.			Dimension	
		13" Reel	15" Reel	22" Reel	A	B
8	8	85513-0013	85513-0001	85513-0009	15.24 (.600)	8.89 (.350)
6	6	85513-0014	85513-0002	85513-0010	13.21 (.520)	6.35 (.250)
6	4	85513-0015	85513-0003	85513-0011	13.21 (.520)	6.35 (.250)
4	4	85513-0016	85513-0004	85513-0012	11.18 (.440)	3.81 (.150)