

FEATURES AND SPECIFICATIONS

Features and Benefits

- Very low profile—about 3/4 that of industry standard
- Automatic vacuum placement possible
- Foot pattern identical to industry standard
- High reliability, square contact
- 0.10mm coplanarity

Reference Information

Product Specification: PS-85502
 Packaging: Anti-static blister reel
 UL File No.: E107635
 Mates With: FCC 68 plugs
 Designed In: Millimeters

Electrical

Voltage: 125V
 Current: 1.5A
 Contact Resistance: 20mΩ max.
 Insulation Resistance: 500 MΩ min.

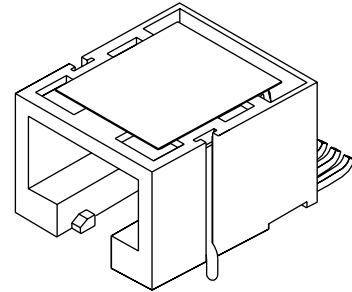
Physical

Housing: Black polyamide, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Post plate 1.27 to 1.52μm (50 to 60μ") Gold in contact area, 1.90μm (75μ") min. (90/10) Tin/Lead in tail area both over Nickel overall
 Operating Temperature: -40 to +80°C

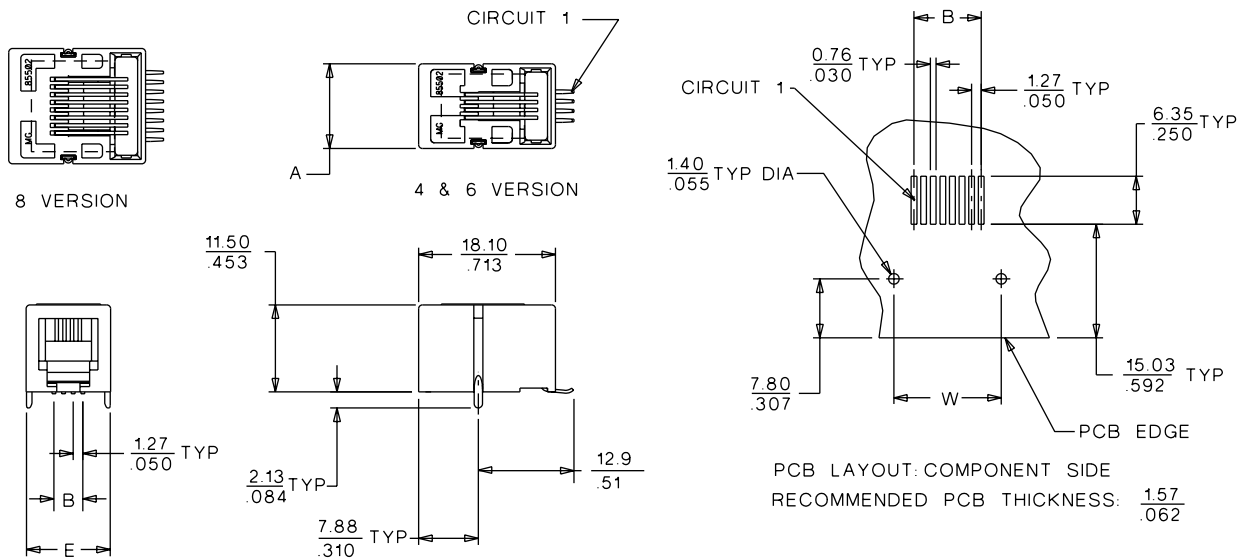
molex® Modular Jack

85502

**SMT, Right Angle
 Low Profile
 For Pin in Hole Reflow**



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Loaded Contacts	Order No.	Dimension			
			A	B	E	W
4	4	85502-0009	11.18 (.440)	3.81 (.150)	11.08 (.436)	10.13 (.399)
6	4	85502-0010	13.21 (.520)	3.81 (.150)	13.11 (.516)	12.16 (.479)
6	6	85502-0011	13.21 (.520)	6.35 (.250)	13.11 (.516)	12.16 (.479)
8	8	85502-0012	15.24 (.600)	8.89 (.350)	15.14 (.596)	14.19 (.559)