

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
- Surface Mount Compatible

Reference Information

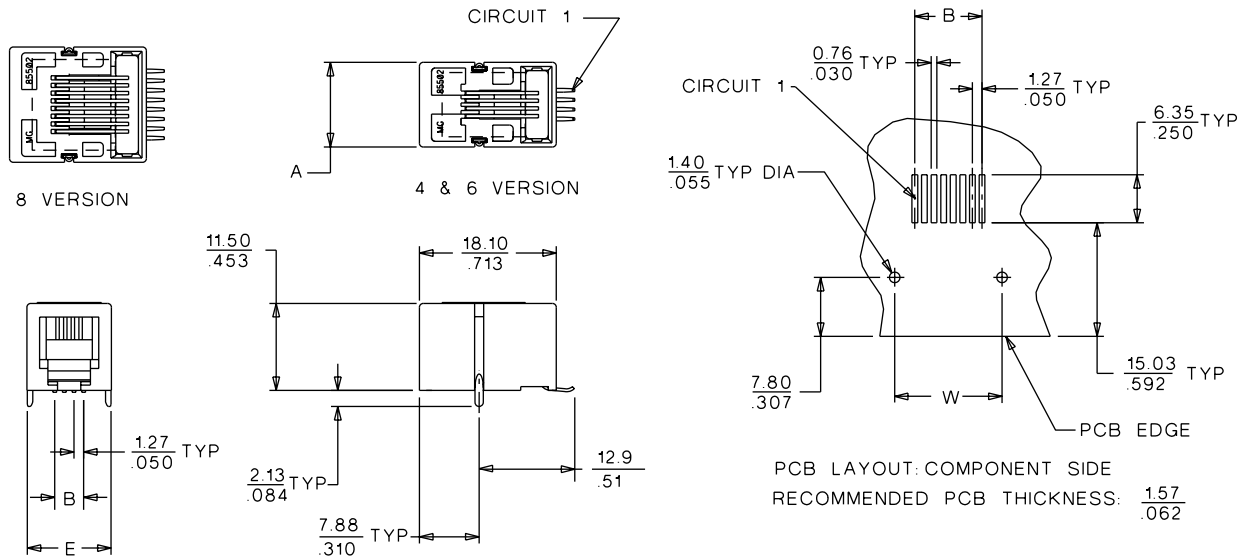
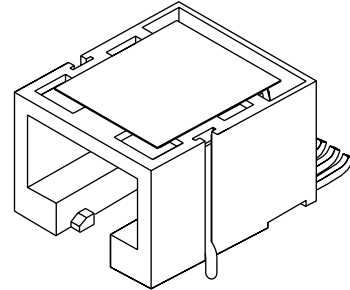
Product Specification: PS-85502
 Packaging: Anti-static blister reel
 UL File No.: E107635
 Mates With: FCC 68 plugs
 Designed In: Millimeters

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
 Temperature: -40 to +80°C

85502
**Right Angle
 Low Profile, Pin and Paste**

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) |