

## 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

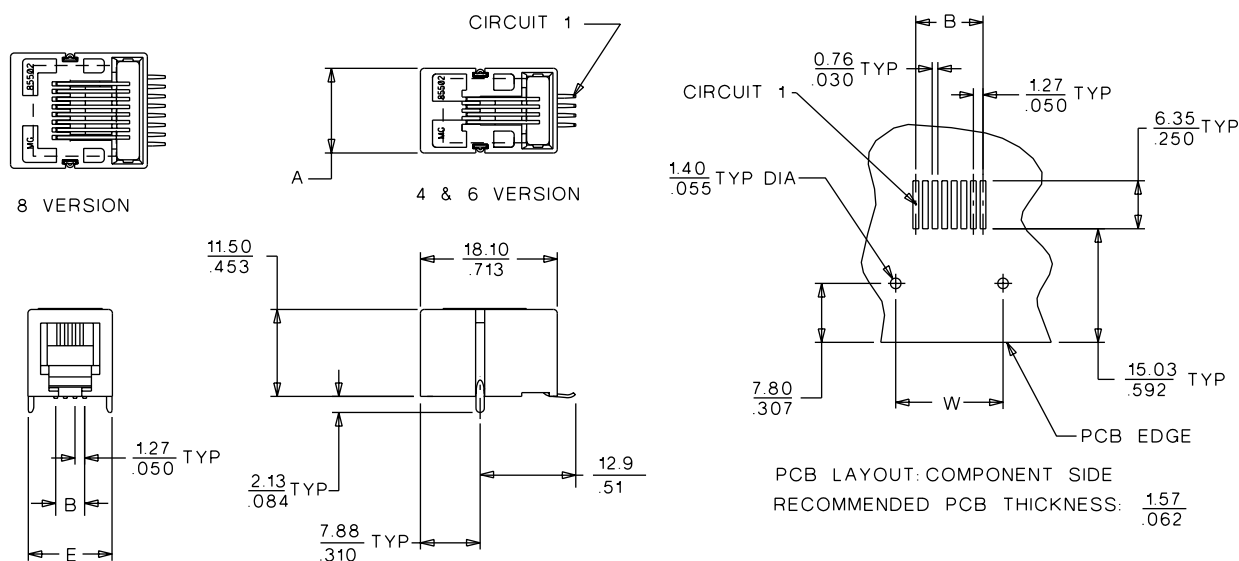
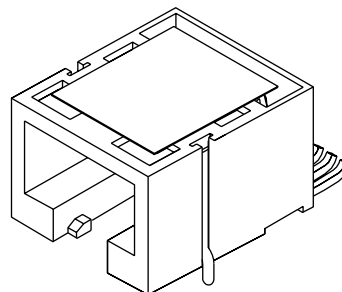
Voltage: 125V  
Current: 1.5A  
Contact Resistance: 20mΩ max.  
Insulation Resistance: 500 MΩ min.

## 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) |