



**Materials:**

- Insulator: Nylon, UL94V-0  
- Soldering Temperature: 260°C
- Spring Wire: 0.35MM Thickness Phosphor Bronze Gold Plating over Nickel
- Color: Black
- Hold Down: Copper Plating Tin

**Electrical:**

- Insulation Resistance: 500MΩ Min.
- Contact Resistance: 20MΩ Max.
- Rating Current: 1.5A Max.
- Rating Voltage: 120V AC
- Dielectric Withstanding: 1,000V AC at 1 Minute
- Operating Temperature: -40°C ~ +85°C
- Durability: 500 Mating cycles Min.



|           |       |              |      |      |          |          |          |  |
|-----------|-------|--------------|------|------|----------|----------|----------|--|
| Scale     | 1:1   |              |      |      |          |          | Name     | Item No.   |
| TOLERANCE |       |              |      |      | Drawn    | 12.21.11 | Chappell | <b>A-2014-1-4-SMT-N-R</b>                                      |
| X.X       | ±0.40 |              |      |      | Approved |          |          |  |
| X.XX      | ±0.25 |              |      |      |          |          |          | Title  |
| X.XXX     | ±0.15 |              |      |      |          |          |          | Modular Jack, 6P6C, RJ12,<br>Top Entry, 180°, SMT Version, 6μ" |
| Angle     | ±3°   |              |      |      |          |          |          | Drawing No.  |
|           |       |              |      |      |          |          |          | <b>rev00</b>   |
|           |       |              |      |      |          |          |          | Replace  |
|           |       |              |      |      |          |          |          | Sheet  |
|           |       | Modification | Date | Name |          |          |          |  |
|           |       |              |      |      |          |          |          |  |