### MATERIAL/FINISH PROPERTIES

**MATERIAL PROPERTIES:**
- BODY: BRASS PER ASTM B16 OR EQUIVALENT
- CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
- INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT
- GASKET: SILICONE RUBBER PER ZZ-R-765 OR EQUIVALENT
- PLATING PROPERTIES:
  - OTHER METAL PARTS: .000100 MIN. NICKEL PER QQ-N-290
  - CONTACTS: .000030 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. NICKEL PER QQ-N-290

**PLATING PROPERTIES:**

**NOTES:** 1. ALL ITEMS SHIP LOOSE IN BAG

### MECHANICAL/ELECTRICAL PROPERTIES

- CONNECTOR MEETS: MIL-STD-348 FIG. 201-2, MIL-PRF-49142
- CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
- CONNECTOR DURABILITY: 500 CYCLES MIN.
- CABLE: TRIAX, CABLE GROUP 18 PER ES102, COLOR: GREY
- ASSEMBLY INSTRUCTIONS: A1134
- IMPEDANCE: NON CONSTANT
- VOLTAGE RATING: 400 VRMS
- INSULATION RESISTANCE: 5,000 MEGOHMS
- CONTACT RESISTANCE:
  - CENTER: 5.0 MILLOHMS MAX.
  - INTERMEDIATE: 0.5 MILLOHMS MAX.
  - OUTER: 0.5 MILLOHMS MAX.

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**Title:** TRB STRAIGHT CABLE U/G CLAMP JACK

**Material & Finish:** PER TABLE ABOVE

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SCALE</th>
<th>REV</th>
<th>DATE</th>
<th>APPR. BY: SRS</th>
<th>CHECK BY: PCS</th>
<th>DRAWN BY: TLB</th>
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<td>A</td>
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<td>B</td>
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<td>12/13/00</td>
<td>12/13/00</td>
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<td>02/23/03</td>
<td>12/13/00</td>
<td>12/13/00</td>
<td>12/13/00</td>
</tr>
</tbody>
</table>

**UNLESS OTHERWISE SPECIFIED**
- ALL DIMENSIONS ARE REFERENCE X.XXX DIM'S = INCHES * [X.XX] DIM'S = MILLIMETERS
- SURFACE FINISH: 63 MICRO MAX.
- ALL DIAMETERS TO BE CONCENTRIC WITHIN .005 F.I.M.

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