**Series 8 Elevator Socket w/Collet Contacts & Solder Pin Tails**

**FEATURES**
- Ideal for Elevating Devices (Displays, Switches, etc.) to Desired Level with 0.240 to 1.250 [6.10 to 31.75] Height Extension

**GENERAL SPECIFICATIONS**
- **STANDARD SOCKET BODY & SPACER:** black UL 94V-0 glass-filled 4/6 Nylon
- **PIN BODY:** Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- **PIN BODY PLATING:** 10µ [0.25µ] min. Au per MIL-G-45204 –OR– 200µ [5.08µ] min. 93/7 Sn/Pb per ASTM B545
  –OR– 200µ [5.08µ] min. Sn per ASTM B545 Type 1 over 100µ [2.54µ] min. Ni per SAE AMS-QQ-N-290B
- **4-FINGER COLLET CONTACT:** BeCu per UNS C17200 ASTM B194-08
- **CONTACT PLATING:** 30µ [0.76µ] min. Au per MIL-G-45204 over 50µ [1.27µ] min. Ni per SAE AMS-QQ-N-290B
- **CONTACT CURRENT RATING:** 3 amps
- **OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C]
- **INSERTION FORCE:** 180g/pin, based on 0.018 [0.46] dia. test lead
- **WITHDRAWAL FORCE:** 90g/pin, based on 0.018 [0.46] dia. test lead
- **NORMAL FORCE:** 140g/pin, based on 0.018 [0.46] dia. test lead
- **ACCEPTS LEADS:** 0.015-0.025 [0.38-0.64] dia., 0.110-0.150 [2.79-3.81] long

**MOUNTING CONSIDERATIONS**
- **SUGGESTED PCB HOLE SIZE:** 0.035 ±0.002 [0.89 ±0.05] dia.

**ORDERING INFORMATION**

<table>
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<tr>
<th>Centers “Y”</th>
<th>Dim. “Z”</th>
<th>Body Style</th>
<th>Available Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.300 [7.62]</td>
<td>0.400 [10.16]</td>
<td>C</td>
<td>6 thru 20</td>
</tr>
<tr>
<td>0.600 [15.24]</td>
<td>0.700 [17.78]</td>
<td>B</td>
<td>22 thru 40</td>
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</tbody>
</table>

**ALL DIMENSIONS: INCHES [MILLIMETERS]**
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR COLLET CONTACTS ON 0.200 [5.08] CENTERS, SEE DATA SHEET 13007
FOR BIFURCATED CONTACTS, SEE DATA SHEET 13006
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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