### Series 8 Elevator Socket w/Bifurcated Contacts & Solder Pin Tails

**FEATURES**
- Ideal for Elevating Devices (Displays, Switches, etc.) to Desired Level with 0.260 to 1.250 [6.60 to 31.75] Height Extension

**GENERAL SPECIFICATIONS**
- **STANDARD SOCKET BODY & SPACER:** black UL 94V-0 glass-filled 4/6 Nylon
- **BIFURCATED CONTACTS:** Grade A spring-tempered Phosphor Bronze per QQ-B-750
- **CONTACT PLATING:** 50-130µ [1.27-3.30] matte Sn per ASTM B545-97(2004)e1 over 50µ [1.27] Ni per SAE AMS-QQ-N-290B; −OR− 50-130µ [1.27-3.30] 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50µ [1.27] Ni per SAE AMS-QQ-N-290B; −OR− 10µ [0.25] min. Au per MIL-G-45204 over 50µ [1.27] Ni per SAE AMS-QQ-N-290B. (Consult factory for availability)
- **CONTACT CURRENT RATING:** 1 amp
- **INSERTION FORCE:** 110g/pin average
- **WITHDRAWAL FORCE:** 75g/pin average
- **OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] Sn and Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] Au plating
- **ACCEPTS:** flat leads up to 0.014 thick x 0.020 wide [0.36-0.51], round leads up to 0.020 [0.51] dia.
- **SOCKET ACCEPTS:** lead lengths from seating plane 0.075-0.160 [1.91-4.06]

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

**ORDERING INFORMATION**
- **XX-X8 XXXX-1XXX XX**
  - Optional Rails
    - WR = Without Rails
  - Plating
    - 10 = Sn
    - 10TL = Sn/Pb
    - 11 = Au (Consult Factory)
  - Seating Plane Height (See Table, Dim “C”)
  - Row-to-Row Spacing
    - 8 = 0.300 [7.62] centers (14 & 16-pin)
    - 28 = 0.200 [5.08] centers (10-pin only)
  - No. of Pins
    - (10, 14, 16)

**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 Collet Contacts on 0.300 [7.62] Centers, see Data Sheet 13008
Consult Factory for other sizes and configurations