



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

## FEATURES

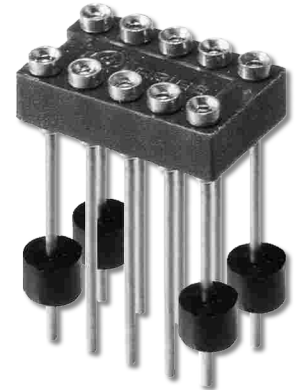
- Ideal for Elevating Devices (Displays, Switches, etc.) to Desired Level with 0.260 to 1.250 [6.60 to 31.75] Height Extension

## GENERAL SPECIFICATIONS

- **STANDARD SOCKET BODY & SPACER:** black UL 94V-0 glass-filled 4/6 Nylon
- **PIN BODY:** brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- **PIN BODY PLATING:** 200 $\mu$  [5.08 $\mu$ ] min. 93/7 Sn/Pb per ASTM B545 –OR– 200 $\mu$  [5.08 $\mu$ ] min. Sn per ASTM B545 Type 1 over 100 $\mu$  [2.54 $\mu$ ] min. Ni per SAE AMS-QQ-N-290B
- **4-FINGER COLLET CONTACT:** BeCu per UNS C17200 ASTM B194-08
- **CONTACT PLATING:** 30 $\mu$  [0.7 $\mu$ ] min. Au per MIL-G-45204 over 50 $\mu$  [1.27 $\mu$ ] 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

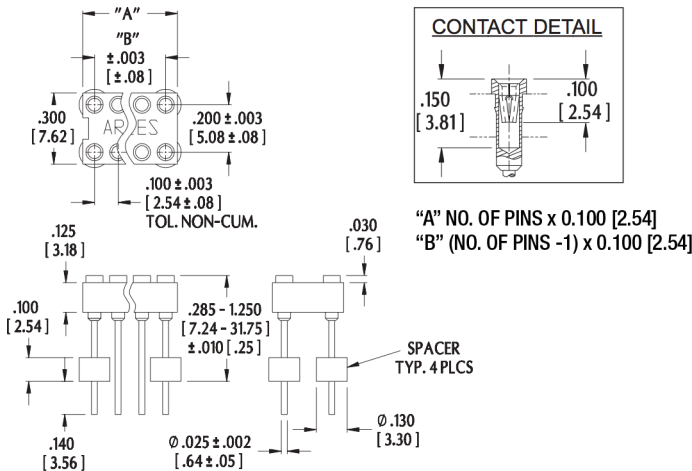
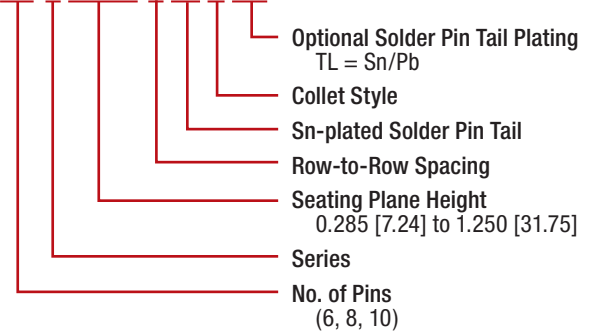
## MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.035  $\pm$  0.002 [0.89  $\pm$  0.05] dia.



## ORDERING INFORMATION

**XX-8 XXXX-2 10 C XX**



ALL DIMENSIONS: INCHES [MILLIMETERS]  
 ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
 FOR COLLET CONTACTS ON 0.300 [7.62] CENTERS, SEE [DATA SHEET 13008](#)  
 FOR BIFURCATED CONTACTS, SEE [DATA SHEET 13006](#)  
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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