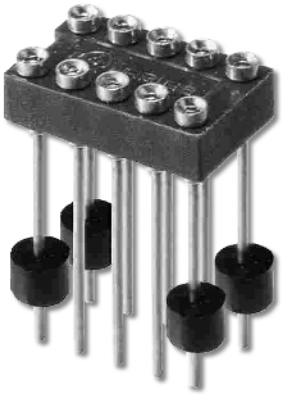
Series 8 Elevator Socket w/Collet Contacts & Solder Pin Tails



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**: 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 [0.7µ] 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

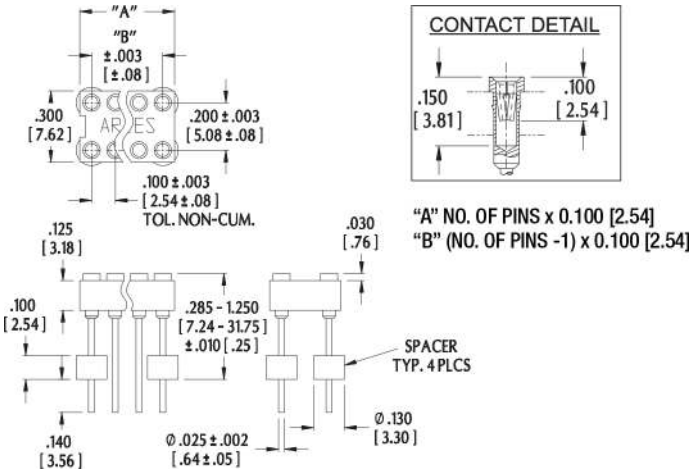
MOUNTING CONSIDERATIONS

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

ORDERING INFORMATION

XX-8 XXXX-2 10 C XX

- Optional Solder Pin Tail Plating
  TL = Sn/Pb
- Collet Style
- Sn-plated Solder Pin Tail
- Row-to-Row Spacing
- Seating Plane Height
  0.285 [7.24] to 1.250 [31.75]
- Series
- No. of Pins
  (6, 8, 10)



ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±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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ARIES ELECTRONICS, INC.
2609 Bartram Road • Bristol, PA 19007-6810 USA
TEL 215-781-9956 • FAX 215-781-9845
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM

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