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

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY. ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE. PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED.