



Series 700 Elevator Strip-Line™ Socket w/Bifurcated Contacts & Solder Pin Tails

FEATURES

- Elevated Mounting of LCDs or Other Odd-centered or High Pin-count Components
- Any Height from 0.360 to 2.000 [9.14 to 50.80]
- Optional Spacer for Mounting on 0.300 [7.62], 0.600 [15.24], 0.900 [22.86], 1.100 [27.94], and 1.300 [33.02] Centers



GENERAL SPECIFICATIONS

- **BODY:** black UL 94V-0 glass-filled 4/6 Nylon
- **PIN:** Grade A Phosphor Bronze per QQ-B-750
- **OPTIONAL SPACER:** FR-4 0.032 [0.81] thick
- **PIN PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B; -OR- 200μ [5.08μ] min. matte Sn per ASTM B545-97(2004) e1 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B; -OR- 200μ [5.08μ] min. 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B
- **CURRENT RATING:** 1.5 amps
- **OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] Sn & Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] Au
- **INSERTION FORCE:** 110g/pin average
- **WITHDRAWAL FORCE:** 75g/pin average
- **ACCEPTS LEADS:** flat leads up to 0.014 x 0.020 wide [0.36-0.51], Round Leads up to 0.020 [0.51] dia.
- **LEAD LENGTHS:** from seating plane 0.080-0.160 [2.03-4.06]

ORDERING INFORMATION

XX 7 XXX-X XXX

- Plating
 - 0 = Sn
 - OTL = Sn/Pb
 - 1 = Au
- Termination
 - 1 = Solder Pin Tail
- Elevated Height
 - 0.360-2.000 [9.14-50.80]
- Series
- No. of Pins
(See Table)

MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.045 ± 0.002 [1.14 ± 0.05] dia.



No. of Pins	No. of Grooves
20	2
25	2
30	2
34	3
40	2

SPACER BAR
Consult Factory with
Center-to-Center
Mounting Desired (Dim. "C")

**PINS MAY BE
SUPPLIED WITH
CUT ENDS**

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

FOR COLLET SOCKETS WITH SOLDER PIN TAILS, SEE DATA SHEETS 12012

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.

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