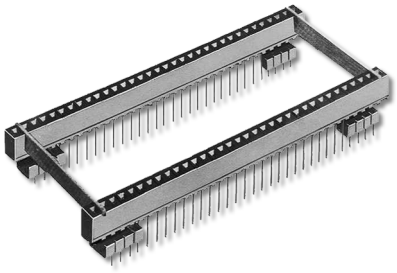
Series 700 Elevator Strip-Line™ Socket w/Bifurcated Contacts & Solder Pin Tails

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]

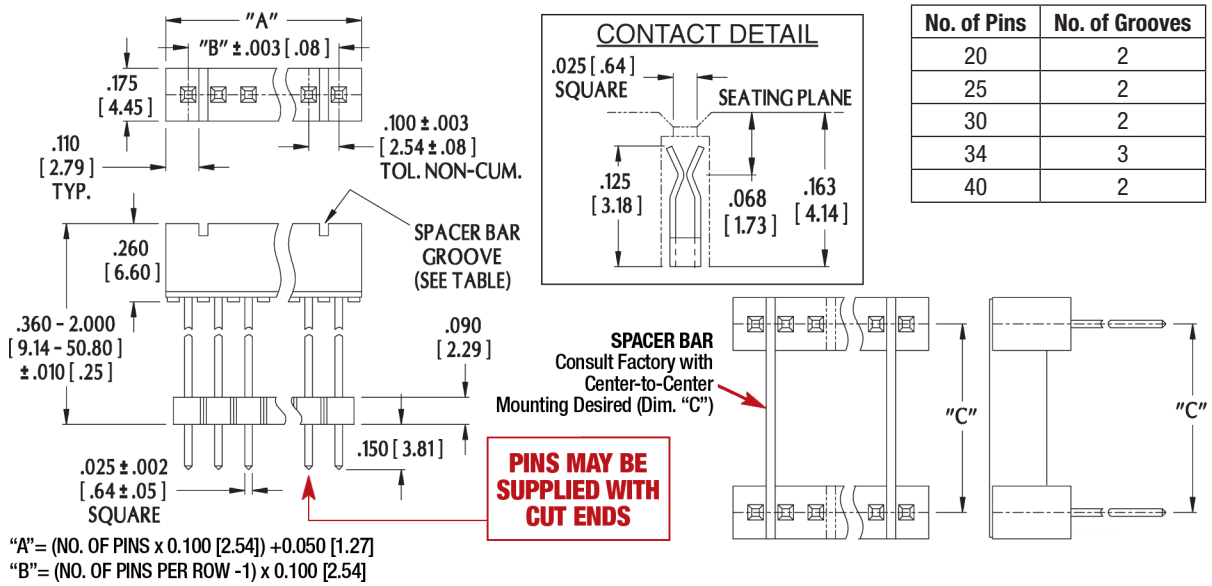
ORDERING INFORMATION

XX 7 XXX-X XXX

- **Plating**: 0 = Sn; 0TL = 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.



"A"= (NO. OF PINS x 0.100 [2.54]) +0.050 [1.27]
"B"= (NO. OF PINS PER ROW -1) x 0.100 [2.54]

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

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.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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