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]

**Mounting Considerations**

- **Suggested PCB Hole Size:** 0.045 ±0.002 [1.14 ±0.05] dia.

**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)**

**Contact Detail**

- **0.025 [0.64] SQUARE**
- **0.10 ±0.03 [2.54 ±0.08] TOL. NON-CUM.**
- **0.163 [4.14]**
- **0.068 [1.73]**
- **0.125 [3.18]**
- **0.360 - 2.000**
  - **[9.14 - 50.80]**
  - **±0.10 [±0.25]**
- **0.090 [2.29]**
- **0.260 [6.60]**
- **0.360 - 2.000**
  - **[9.14 - 50.80]**
  - **±0.10 [±0.25]**
- **0.025 ±0.002 [0.64 ±0.05] SQUARE**
- **0.150 [3.81]**

**Spacer Bar Groove (See Table)**

- **PINs MAY BE SUPPLIED WITH CUT ENDS**

**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 Printouts of this document may be out-of-date and should be considered uncontrolled.