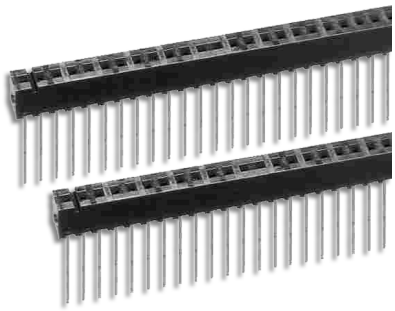
Series 501 Strip-Line™ Socket Strip w/Bifurcated Contacts & Wire Wrap Pins

FEATURES

- Mount Liquid Crystal Displays or Other High Pin-count or Odd-centered Components
- Available in Several Sizes with Bifurcated Contacts in Wire Wrap or Solder Pin Tails Consult Data Sheet 12008 for Solder Pin Tails
- 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 Consult factory for other sizes.



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: “11” 10µ [0.25µ] min. Au per MIL-G-45204 over 50µ [1.27µ] Dim. "L"min. Ni per SAE AMS-QQ-N-290B; “10” 200µ [5.08µ] min. matte Sn per ASTM B545-97(2004)e1 over 50µ [1.27µ] min. Ni per SAE AMS-QQ-N-290B; “10TL” 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 amp
- 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: flat leads up to 0.014 x 0.020 wide [0.36-0.51], Round Leads up to 0.020 [0.51] dia.
- SOCKET ACCEPTS: lead lengths from seating plane 0.080-0.160 [2.03-4.06]

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.045 ±0.002 [0.1.14 ±0.05] dia.

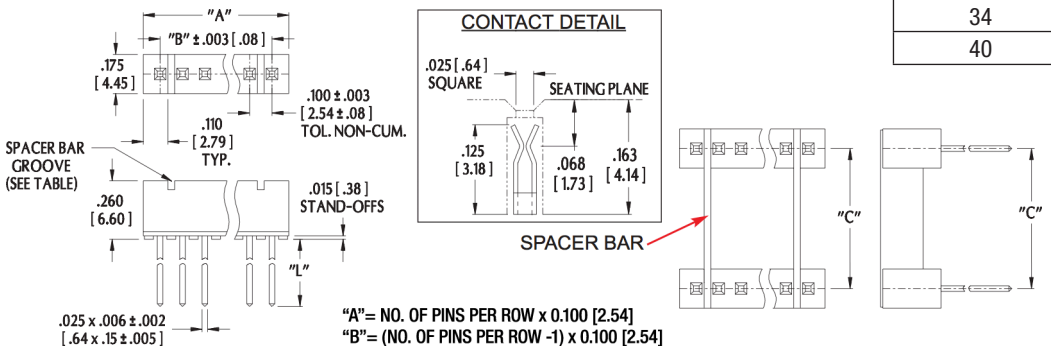
ORDERING INFORMATION

XX-0 501-X XXX

- Plating
  - 0 = Sn
  - 0TL = Sn/Pb
  - 1 = Au
- Termination
  - 2 = 2-level Wire Wrap
  - 2 = 3-level Wire Wrap
- Series
- Single Row Socket
- No. of Pins (See Table)

	Dim. “L”
2-level Wire Wrap	0.420 [10.67]
3-level Wire Wrap	0.690 [17.52]

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



“A”= NO. OF PINS PER ROW x 0.100 [2.54]
“B”= (NO. OF PINS PER ROW -1) x 0.100 [2.54]

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR STRIP-LINE SOCKETS w/SOLDER PIN TAILS, SEE DATA SHEETS 12008
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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