



Series 508 Single & Dual Row Socket Strips w/Collet Contacts & Wire Wrap Pins

FEATURES

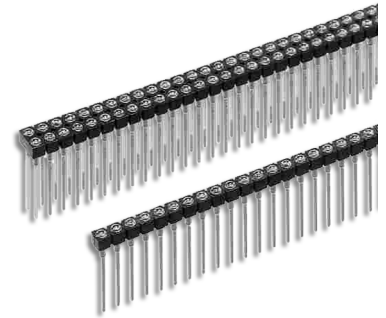
- Available in Single or Dual Row Strips
- Cut to the Desired Number of Pins to Fit the Application
- Side-to-side and End-to-end Stackable

GENERAL SPECIFICATIONS

- **BODY MATERIAL:** Black UL 94V-0 Nylon 4/6
- **PIN BODY:** Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- **PIN BODY PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 or 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:** 200μ [5.08μ] min. 93/7 Sn/Pb per ASTM B545 –OR– 200μ [5.08μ] min. Sn per ASTM B545 Type 1 –OR– 10μ [0.25μ] 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] for Sn plating; -67°F to 257°F [-55°C to 125°C] for Au plating
- **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., 0.110-0.160 [2.79-4.06] long

MOUNTING CONSIDERATIONS

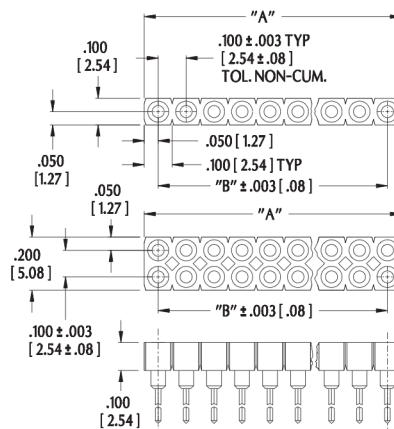
- **SUGGESTED PCB PAD SIZE:** 0.063 [1.60] dia.



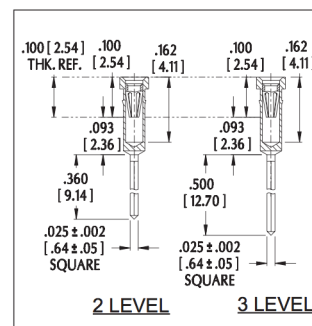
ORDERING INFORMATION

XX X 508-X XXX

- Plating**
 - 0 = Au Collet, Sn Shell
 - OTL = Au Collet, Sn/Pb Shell
 - 1 = Au Collet & Shell
- Termination**
 - 2 = 2-level Wire Wrap Pins
 - 3 = 3-level Wire Wrap Pins
- Series**
- No. of Rows**
 - 0 = Single
 - 1 = Dual
- No. of Pins**
 - 1 to 40 – Single Row
 - 2 to 40 – Dual Row



"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 COLLECT SOCKETS w/SOLDER PIN TAILS, SEE [DATA SHEET 12020](#)

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



ARIES
ELECTRONICS, INC.

2609 Bartram Road • Bristol, PA 19007-6810 USA

TEL 215-781-9956 • FAX 215-781-9845

WWW.ARIESELEC.COM • INFO@ARIESELEC.COM



12021
Rev. 6.1
1 of 1

