



Single and Dual Row Wire Wrap Pins Collet Socket – Series 508

FEATURES

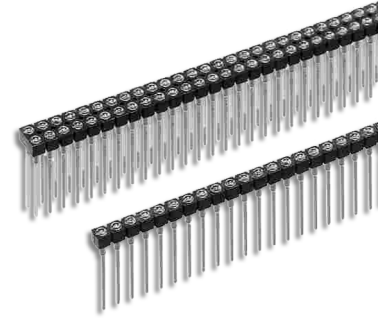
- Available in Single or Dual Row Strips
- Cut to the Desired Number of Pins to Fit the Application
- Side-to-side and End-to-end Stackable

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 XX

Plating

- 0 = Au Collet, RoHS Shell
- OTL = Au Collet, Sn/Pb Shell
- 1 = Au Collet & Shell

Termination

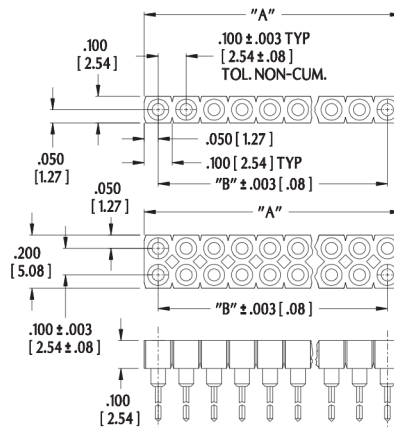
- 2 = 2-level Wire Wrap Pins
- 3 = 3-level Wire Wrap Pins

Series

- No. of Rows
- 0 = Single
- 1 = Dual

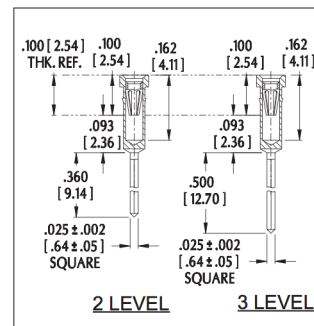
No. of Pins per Socket

- 1 Row – 1 to 40 Pins
- 2 Rows – 2 to 66 Pins



"A" = NO. OF PINS PER ROW x 0.100 [2.54]

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



2 LEVEL

3 LEVEL

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

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

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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12021
Rev. 7.4
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