

Single and Dual Row Surface Mount Collet Socket – Series 518

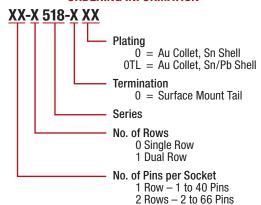
FEATURES

- Available in Single and Dual Row Strips
- Socket Strips to be cut to the number of positions desired with 'break' Feature
- Compatible with Automatic Insertion Equipment
- Side-to-side and End-to-end Stackable

GENERAL SPECIFICATIONS

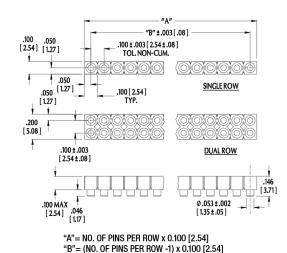
- BODY MATERIAL: Black UL 94V-0 Glass-filled 4/6 Nylon
- PIN BODY: Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- PIN BODY PLATING: 10μ [0.25μ] min. Au per MIL-G-45204 –0R– 200μ [5.08μ] min.
 93/7 Sn/Pb per ASTM B545 –0R– 200μ [5.08μ] min. Sn per ASTM B545 Type 1 over 100μ [2.54μ] min. Ni per SAE AMS-QQ-N-290B
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200 ASTM B194-08
- CONTACT PLATING: 10μ [0.25μ] Au per MIL-G-45204 over 50μ min. [1.27μ] 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., 0.100-0.125 [2.54-3.18] long

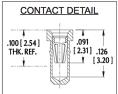
ORDERING INFORMATION



MOUNTING CONSIDERATIONS

• SUGGESTED PCB PAD SIZE: 0.063 [1.60] dia.





ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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