

Series 0517 Pin-Line[™] Vertisocket[™] w/Collet Contacts

FEATURES

- Mount components, jumpers, etc., at right angle to PC board
- Available in 1 to 25 positions; cuttable to any number desired

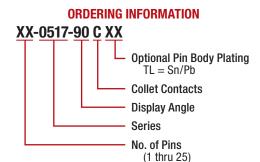
GENERAL SPECIFICATIONS

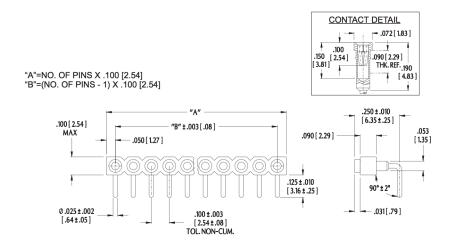
- BODY MATERIAL: black UL 94V-0 glass-filled 4/6 Nylon
- PIN BODY: Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- PIN BODY PLATING: 200μ [5.08μ] 93/7 Sn/Pb per ASTM B545 OR 200μ [5.08μ] min. Sn per ASTM B545 Type 1 over 100μ [2.54μ] Ni per SAE AMS-QQ-N-290B
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200 ASTM B194-08
- CONTACT PLATING: 30μ [0.76μ] Au per MIL-G-45204 over 50μ [1.27μ] Ni per SAE AMS-QQ-N-290B
- CONTACT CURRENT RATING: 3 amps
- OPERATING TEMPERATURE: 221°F [105°C]
- 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., 0.110-0.150 [2.79-3.81] long

MOUNTING CONSIDERATIONS

• SUGGESTED PCB HOLE SIZE: $0.035 \pm 0.002 [0.89 \pm 0.05]$ dia.







ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR COLLET CONTACTS ON 0.200 [5.08] CENTERS, SEE <u>DATA SHEET 13007</u>
FOR BIFURCATED CONTACTS, SEE <u>DATA SHEET 13006</u>
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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