



# 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

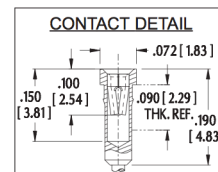
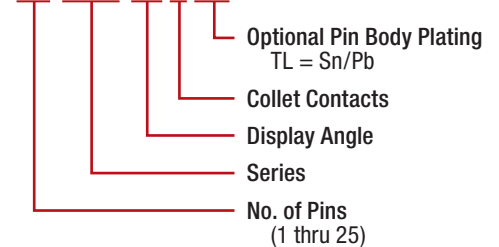
## MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.035 ±0.002 [0.89 ±0.05] dia.

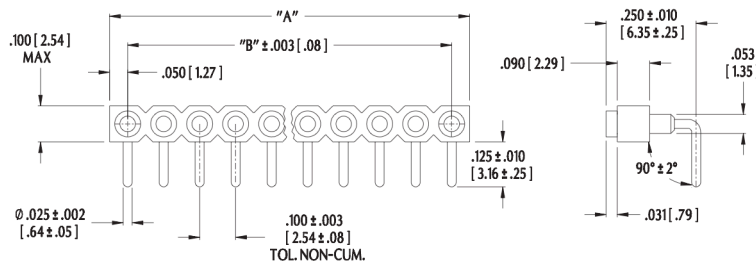


## ORDERING INFORMATION

**XX-0517-90 C XX**



"A"=(NO. OF PINS X .100 [2.54])  
 "B"=(NO. OF PINS - 1) X .100 [2.54]



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

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 1 of 1

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