**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**

<table>
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<th>XX-0517-90 C XX</th>
<th>Optional Pin Body Plating</th>
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<td>TL = Sn/Pb</td>
<td>Collet Contacts</td>
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<td>Display Angle</td>
<td>Series</td>
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<tr>
<td>No. of Pins</td>
<td>(1 thru 25)</td>
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**CONTACT DETAIL**

| 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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