



Series 800 Vertisocket™ w/Collet Contacts for Horizontal Mounting

FEATURES

- DIP Packaging of LEDs, Incandescent Lamps, DIP Switches, Test Points, etc.
- Variations of Mounting Positions provide Exceptional Design Freedom
- Accepts Standard LEDs and Incandescent Displays as well as 0.500 [21.70] and 0.600 [15.24] Tall Displays



GENERAL SPECIFICATIONS

- STANDARD BODY MATERIAL: black UL 94V-0 glass-filled 4/6 Nylon
- SPACER: fish paper (sockets with "X" 0.300 [7.62] only)
- PIN BODY: Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- PIN BODY PLATING: 200 μ [5.07 μ] min. 93/7 Sn/Pb per ASTM B545 –OR– 200 μ [5.07 μ] Sn per ASTM B545 Type 1 over 100 μ [2.54 μ] min. Ni per SAE AMS-QQ-N-290B
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200 ASTM B194-08
- CONTACT PLATING: 30 μ [0.76 μ] min. Au per MIL-G-45204 over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290B
- ACCEPTS LEADS: 0.015-0.025 [0.38-0.64] dia., 0.110-0.150 [2.79-3.81] long
- CONTACT CURRENT RATING: 3 amps
- OPERATING TEMPERATURE: -67°F to 221°F [-55°C to 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

MOUNTING CONSIDERATIONS

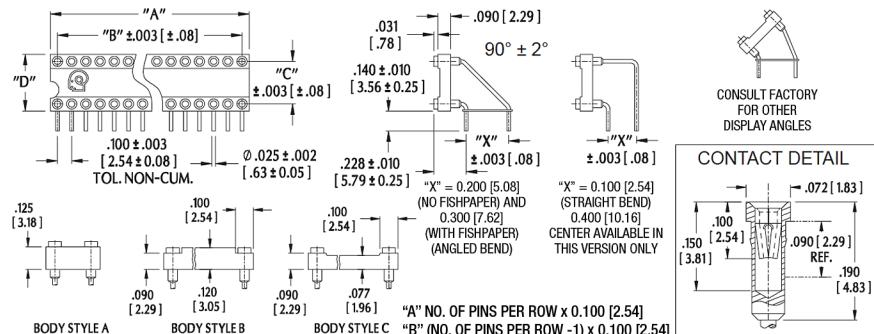
- SUGGESTED PCB HOLE SIZE: 0.035 \pm 0.002 [0.89 \pm 0.05] dia.

ORDERING INFORMATION

XX-X82 X-90C TL

Optional Pin Body Plating TL = Sn/Pb
Display Angle
PCB Footprint, Dim. "X"
0 = 0.100 [2.54]
2 = 0.200 [5.08]
3 = 0.300 [7.62]
Device Footprint, Dim. "C"
282 = 0.200 [5.08]
82 = 0.300 [7.62]
482 = 0.400 [10.16]
682 = 0.600 [15.24]
Pin Count & Spacing, Dim. "C" (See Table)

Centers "C"	Dim. "D"	Body Style	Available Sizes
0.200 [5.08]	0.300 [7.62]	A	6 thru 10
0.300 [7.62]	0.400 [10.16]	C B	6 thru 20 22 thru 40
0.600 [15.24]	0.700 [17.78]	C B	6 thru 40 42 thru 48



ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: \pm 0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR VERTICAL MOUNTING, SEE DATA SHEET 13002
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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