

Series 800 Vertisocket™ w/Bifurcated Contacts for Vertical Mounting

FEATURES

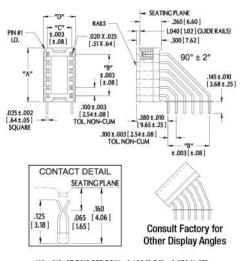
- DIP Packaging of LEDs, Incandescent Lamps, DIP Switches, Test Points, etc.
- Variations of Mounting Positions and Pin Configurations provide Exceptional Design Freedom
- Restricted Entry for Contact Protection
- Accepts Standard LEDs and Incandescent Displays as well as 0.500 [12.70] and 0.600 [15.24] Tall **Displays**

GENERAL SPECIFICATIONS

- STANDARD BODY MATERIAL: black UL 94V-0 4/6 Nylon
- BIFURCATED CONTACTS: Grade A spring-tempered Phosphor Bronze per QQ-B-750
- STANDARD CONTACT PLATING: 10µ [0.25µ] min. Au per MIL-G-45204, over 50µ [1.27µ] min. Ni per QQ-N-290
- PLATING OPTIONS: 200μ min. matte Sn per ASTM B545-97(2004)e1 over 50μ [1.27μ] min. Ni per QQ-N-290 - OR - 200 \mu min. bright 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50 \mu [1.27µ] min. Ni per QQ-N-290
- CONTACT CURRENT RATING: 1.5 amps
- OPERATING TEMPERATURE: 221 °F [105°C] Sn and Sn/Pb plating; 257°F [125°C] Au
- INSERTION FORCE: 110g/pin average
- WITHDRAWAL FORCE: 75g/pin average
- FLAT LEADS: flat leads up to 0.014 [0.36] thick and 0.020 [0.51] wide
- ROUND LEADS: up to 0.020 [0.51] dia.
- LEAD LENGTHS: 0.075-0.160 [1.91-4.06]

MOUNTING CONSIDERATIONS

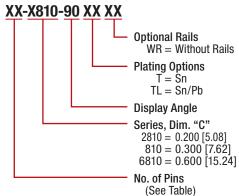
SUGGESTED PCB HOLE SIZE: 0.044 ±0.002 [1.12 ±0.05] dia.



"A"= (NO. OF PINS PER ROW x 0.100 [2.54]) +0.050 [1.27] "B"= (NO. OF PINS PER ROW -1) x 0.100 [2.54]



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Dim. "C"	Dim. "D"	No. of Pins	
0.200 [5.08]	0.290 [7.37]	8, 10	
0.300 [7.62]	0.390 [9.91]	8, 14, 16, 18, 20	
0.600 [15.24]	0.690 [17.53]	8, 10, 12, 14, 16, 18, 20	

ALL DIMENSIONS: INCHES [MILLIMETERS] ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED FOR HORIZONTAL MOUNTING, SEE DATA SHEET 13001 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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