



# Series 625 DIP Header w/Screw Machine Contacts

## FEATURES

- Available in either Screw Machine or Coined Contacts in a Variety of Styles

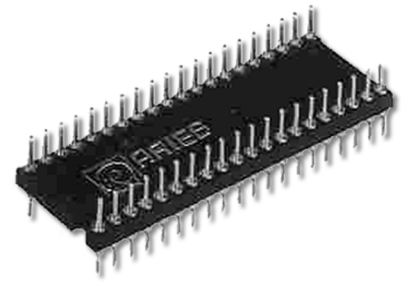
## GENERAL SPECIFICATIONS

- BODY MATERIAL:** Black UL 94V-0 Glass-filled 4/6 Nylon
- FORK & POST CONTACTS:** Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- SOLDER CUP CONTACTS:** Phosphor Bronze per 544 UNS C54400 ASTM B139-01
- CONTACT PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 —OR— 200μ [5.08μ] min. 93/7 Sn/Pb per ASTM B545 or 200μ [5.08μ] min. Sn per ASTM B545 Type 1 over 100μ [2.54μ] min. Ni per SAE AMS-QQ-N-290B
- CONTACT CURRENT RATING:** 2 amps (3 amps for Pin Style 5)
- OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] for Sn & Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] for Au plating
- ACCEPTS LEADS:** up to 0.035 [0.89] dia.

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE:** 0.028 ±0.002 [0.71 ±0.05] dia.

| Centers "Y"   | Dim. "Z"      | Body Style     | Available Sizes         |
|---------------|---------------|----------------|-------------------------|
| 0.200 [5.08]  | 0.300 [7.62]  | A <sup>1</sup> | 2 thru 10               |
| 0.300 [7.62]  | 0.400 [10.16] | CB             | 2 thru 20<br>22 thru 40 |
| 0.400 [10.16] | 0.500 [12.70] | C              | 2 thru 22               |
| 0.600 [15.24] | 0.700 [17.78] | CB             | 2 thru 40<br>42 thru 48 |
| 0.800 [20.32] | 0.900 [22.86] | D <sup>2</sup> | 14 and 16               |
| 0.900 [22.86] | 1.000 [25.40] | B              | 2 thru 64               |



## ORDERING INFORMATION

XX-X 625-X XXX

Plating

0 = Sn  
OTL = Sn/Pb  
1 = Au

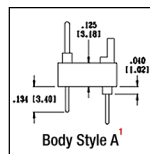
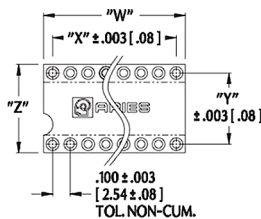
Pin Style  
(See Drawing)

Series

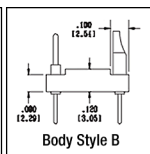
Row-to-Row Spacing, Dim. "Y"

2 = 0.200 [5.08]  
3 = 0.300 [7.62]  
4 = 0.400 [10.16]  
6 = 0.600 [15.24]  
8 = 0.800 [20.32]  
9 = 0.900 [22.86]

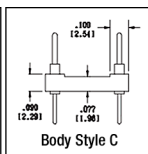
No. of Pins  
(See Table)



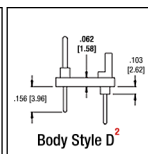
<sup>1</sup> Reduced Tail Length



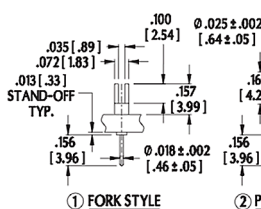
Body Style B



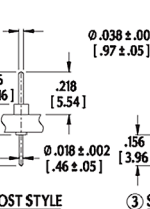
Body Style C



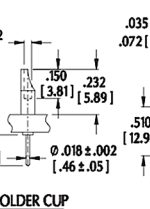
<sup>2</sup> Drilled FR-4



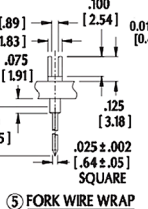
① FORK STYLE



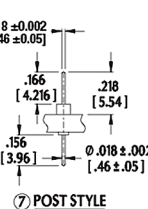
② POST STYLE



③ SOLDER CUP



⑤ FORK WIRE WRAP



⑦ POST STYLE

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

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