



# Series 625 DIP Header w/Screw Machine Contacts

## FEATURES

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

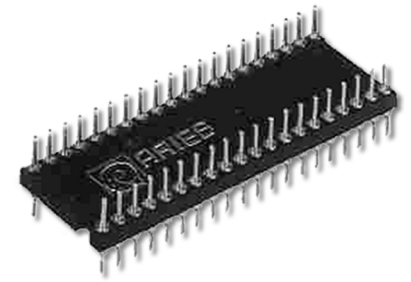
## GENERAL SPECIFICATIONS

- 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:** 10 $\mu$  [0.25 $\mu$ ] min. Au per MIL-G-45204 –OR– 200 $\mu$  [5.08 $\mu$ ] min. 93/7 Sn/Pb per ASTM B545 or 200 $\mu$  [5.08 $\mu$ ] min. Sn per ASTM B545 Type 1 over 100 $\mu$  [2.54 $\mu$ ] 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  $\pm$  0.002 [0.71  $\pm$  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 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 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

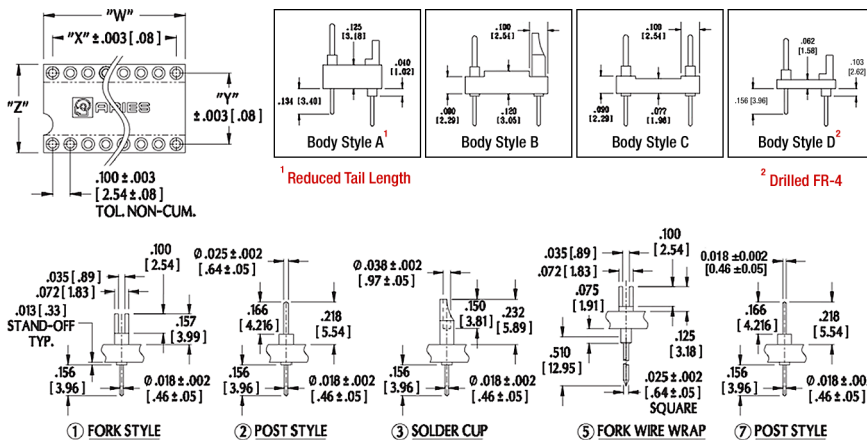
Pin Style  
(See Drawing)

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)



ALL DIMENSIONS: INCHES [MILLIMETERS]  
ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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12035  
Rev. 6.2  
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