



# Series 625 DIP Header with Screw Machine Contacts

## FEATURES

- Aries offers a full line of DIP Headers, available with either screw machine or coined contacts in a variety of styles. Consult [Data Sheet 12032](#) for Coined Contacts.

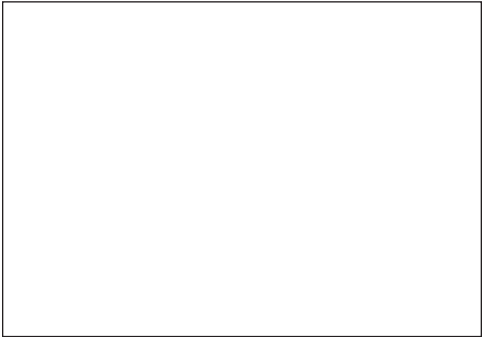
## GENERAL SPECIFICATIONS

- BODY MATERIAL:** black UL 94V-0 glass-filled 4/6 Nylon
- FORK AND 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:** either 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] Sn & Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] Au plating
- FORK CONTACT 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.

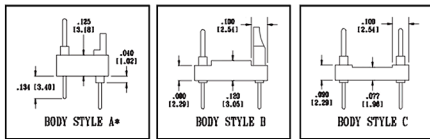
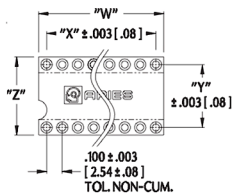
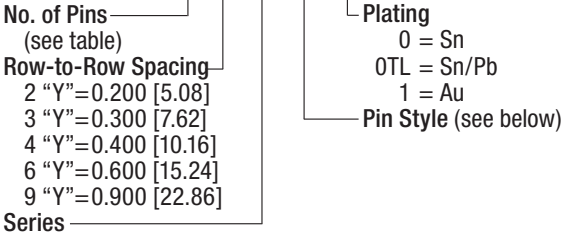
ALL DIMENSIONS IN INCHES [MILLIMETERS]  
 CONSULT FACTORY FOR OTHER SIZES & CONFIGURATIONS  
 ALL TOLERANCES  $\pm$ 0.005 [ $\pm$ 0.13] UNLESS OTHERWISE SPECIFIED  
 "W" # PINS PER ROW x 0.100 [2.54]  
 "X" (# PINS PER ROW -1) x 0.100 [2.54]



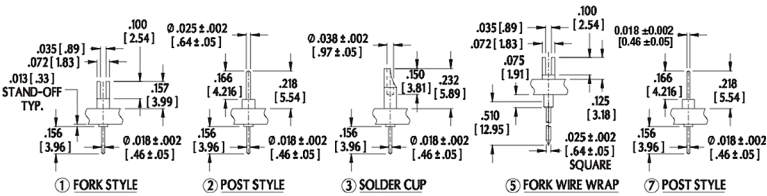
**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without notice.

## ORDERING INFORMATION

**XX-X 625-X XXX**



\*Note: Reduced tail length for Body Style A



Centers "Y"	Dim. "Z"	Body Style	Available Sizes
0.200 [5.08]	0.300 [7.62]	A*	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
0.900 [22.86]	1.000 [25.40]	B	2 thru 64



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