



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 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] 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 ±0.002 [0.71 ±0.05] dia.

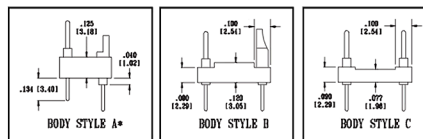
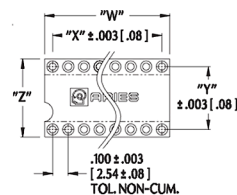
ALL DIMENSIONS IN INCHES [MILLIMETERS]

CONSULT FACTORY FOR OTHER SIZES & CONFIGURATIONS

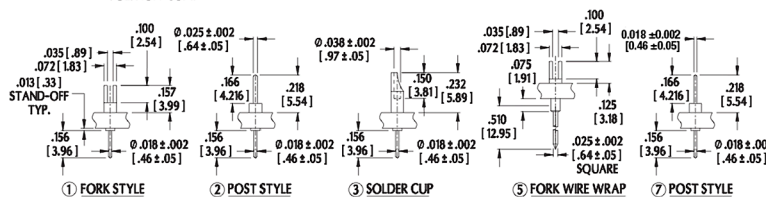
ALL TOLERANCES ±0.005 [±0.13] UNLESS OTHERWISE SPECIFIED

"W" # PINS PER ROW x 0.100 [2.54]

"X" (# PINS PER ROW -1) x 0.100 [2.54]



*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

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

No. of Pins
(see table)

Row-to-Row Spacing

2 "Y"=0.200 [5.08]

3 "Y"=0.300 [7.62]

4 "Y"=0.400 [10.16]

6 "Y"=0.600 [15.24]

9 "Y"=0.900 [22.86]

Series

Plating

0 = Sn

OTL = Sn/Pb

1 = Au

Pin Style (see below)



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Rev. F

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