



# Series 600 DIP Headers w/Coined Contacts

## FEATURES

- Aries offers a full line of DIP headers, available with either coined or screw machine contacts. Consult [Data Sheet 12035](#) for screw machine contacts.
- Snap-on, protective covers are available for all sizes shown below and accommodate 0.125 [3.18] to 0.750 [9.05] component heights. Consult [Data Sheet 12033](#) for snap-on protective covers.
- Body cavity design provides additional clearance for component mounting.

## GENERAL SPECIFICATIONS

- BODY MATERIAL:** Black UL 94V-0 Glass-filled 4/6 Nylon
- COINED CONTACTS:** Brass, 1/2-hard
- CONTACT PLATING:** "0" = 200μ [5.08μm] min. matte Sn plating per ASTM B545-97 over 50μ [1.27μ] min. Ni per QQ-N-290 -OR- "0TL" = 200u" [5.08μm] 90/10 Sn/Pb per MIL-T-10727 Type I over 50u" [1.27μm] min. Ni per QQ-N-290 -OR- "1" = 10u" [.25μm] Au per MIL-G-45204 over 50u" [1.27μm] min. Ni per QQ-N-290
- CONTACT CURRENT RATING:** 2 amps
- OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] for Sn and Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] for Au plating
- FORK CONTACTS ACCEPTS LEADS:** up to 0.025 [0.64] diameter

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE:** 0.035 ± 0.002 [0.89 ± 0.05] diameter



## ORDERING INFORMATION

**XX-600-X X**

### Plating

0 = Sn  
0TL = Sn/Pb  
1 = Au

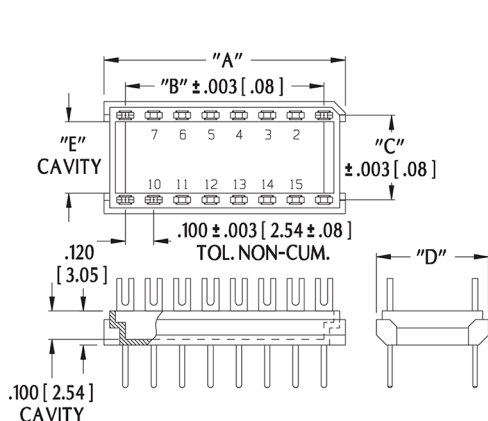
### Pin Style

1 = Fork  
2 = Post

### Series

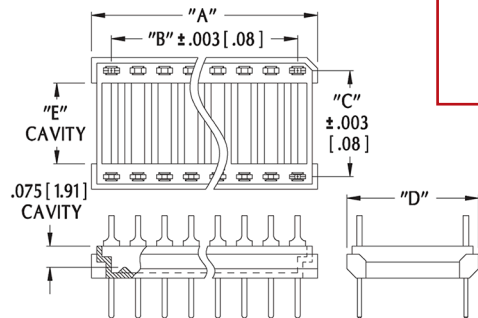
### No. of Pins

0.300 - 4 thru 20  
0.400 - 22  
0.600 - 24, 28, 40  
See Table below

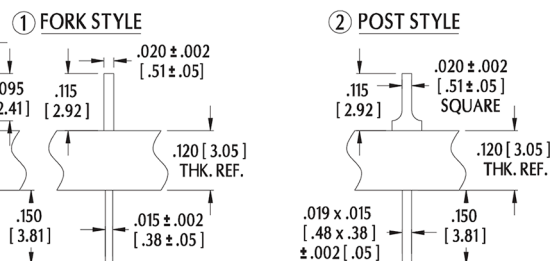
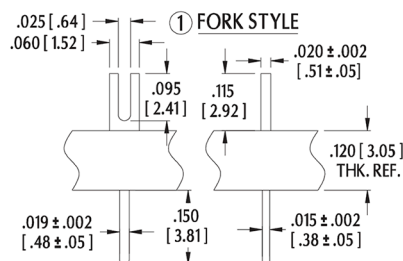


**.300 [7.62] CENTERS BODY**  
(with numbered pin positions, no ribs)

Centers "C"	Dim. "D"	Dim. "E"
0.300 [7.62]	0.395 [10.03]	0.252 [6.40]
0.400 [10.16]	0.495 [12.57]	0.352 [8.94]
0.600 [15.24]	0.695 [17.65]	0.552 [14.02]



**.400 [10.16] AND .600 [15.24] CENTERS BODY**  
(with ribs)



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

"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]

FOR SCREW MACHINE CONTACTS, SEE [DATA SHEET 12036](#)

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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