

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 <u>Data Sheet 12033</u> for snap-on protective covers.
- Body cavity design provides additional clearance for component mounting.

GENERAL SPECIFICATIONS

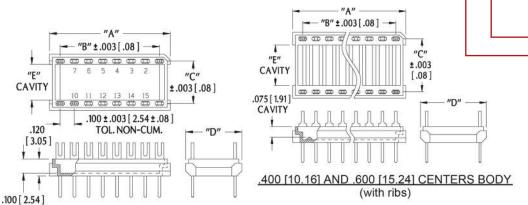
- BODY MATERIAL: Black UL 94V-0 Glass-filled 4/6 Nylon
- COINED CONTACTS: Brass,1/2-hard
- CONTACT PLATING: "0" = 200μ [5.08μm] min. matte Sn plating per ASTM B545-97 over 50μ [1.27μ] min. Ni per QQ-N-290 -0R- "0TL" = 200u" [5.08 μ m]90/10 Sn/Pb per MIL-T-10727 Type I over 50u" [1.27 μ m] min. Ni per QQ-N-290 -0R- "1" = 10 μ " [.25 μ m] Au per MIL-G-45204 over 50 μ " [1.27 μ m] 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

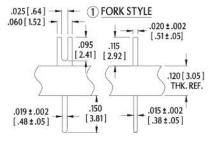
MOUNTING CONSIDERATIONS

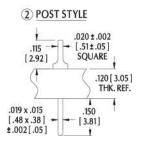
• SUGGESTED PCB HOLE SIZE: 0.035 ± 0.002 [0.89 \pm 0.05] diameter



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

100		
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]





ORDERING INFORMATION

Plating 0 = SnOTL = Sn/Pb

Series

No. of Pins

1 = AuPin Style

1 = Fork2 = Post

0.300 - 4 thru 20

0.600 - 24.28.40

See Table below

0.400 - 22

XX-600-X X

ALL DIMENSIONS: INCHES [MILLIMETERS]

CAVITY

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" = $(NO. OF PIINS PER ROW -1) \times 0.100 [2.54]$

FOR SCREW MACHINE CONTACTS, SEE DATA SHEET 12036

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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