



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 [1.27µm] 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

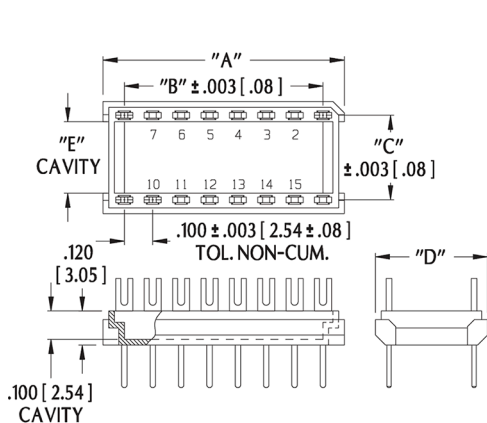
Pin Style

- 1 = Fork
- 2 = Post

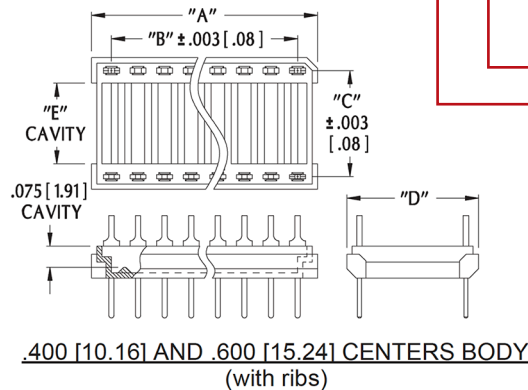
Series

No. of Pins

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

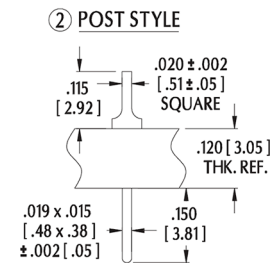
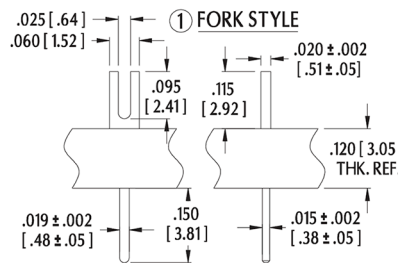


.300 [7.62] CENTERS BODY
(with numbered pin positions, no ribs)



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



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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ARIES
ELECTRONICS, INC.

2609 Bartram Road • Bristol, PA 19007-6810 USA

TEL 215-781-9956 • FAX 215-781-9845

WWW.ARIESELEC.COM • INFO@ARIESELEC.COM



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