



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

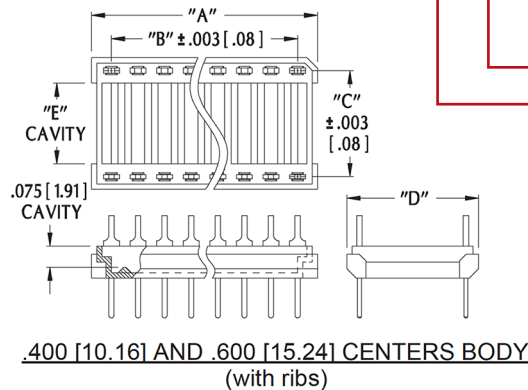
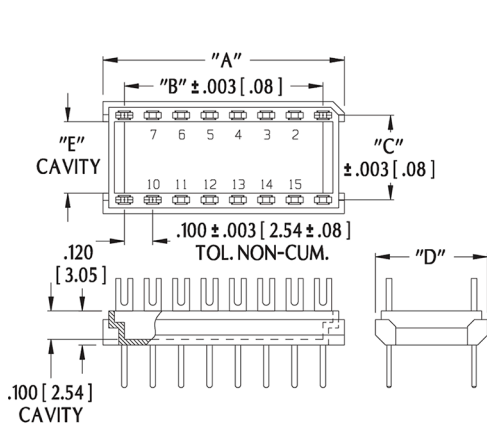
- 0 = Sn
- 0TL = Sn/Pb
- 1 = Au

Pin Style

- 1 = Fork
- 2 = Post

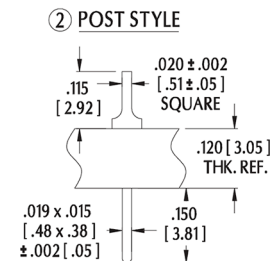
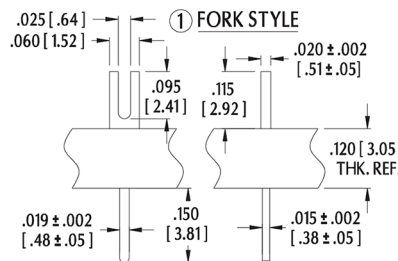
Series

- 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]



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

PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED



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



12032
Rev. 7.1
1 of 1

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [IC & Component Sockets](#) category:

Click to view products by [Aries](#) manufacturer:

Other Similar products are found below :

[0066-3-17-15-30-14-02-0](#) [670](#) [672](#) [673](#) [694-13-640-00-672-000](#) [712-93-120-41-001000](#) [714-93-104-31-018000](#) [8059-4G1-LF](#) [807-22-001-10-001101](#) [807-22-001-10-006101](#) [807-22-001-30-011101](#) [807-22-001-30-012101](#) [807-22-001-30-013101](#) [807-22-001-30-014101](#) [8-1437531-4](#) [8150-6P10](#) [833-93-034-10-001000](#) [851-41-006-10-001000](#) [851-43-008-20-001000](#) [851-43-014-20-001000](#) [851-93-006-20-001000](#) [851-93-010-20-001000](#) [853-43-020-10-001000](#) [86.010.0053.0](#) [116-43-308-41-007000](#) [PX-68LCC](#) [121-13-318-41-001000](#) [121-13-320-41-001000](#) [121-13-308-41-001000](#) [123-43-314-41-801000](#) [123-43-420-41-001000](#) [123-87-320-41-001101](#) [122-13-316-41-001000](#) [123-13-624-41-001000](#) [123-43-306-41-001000](#) [12-3513-11](#) [123-91-320-41-001000](#) [126-43-310-41-002000](#) [AKSUN 37V-T](#) [1437503-9](#) [1437504-1](#) [146-44-308-41-013000](#) [APO-320-G-T](#) [146-43-308-41-012000](#) [160-10-308-00-001000](#) [160-40-320-00-001000](#) [214-99-306-01-670800](#) [232-1270-02-0602](#) [2-382761-4](#) [2-5331677-4](#)