



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

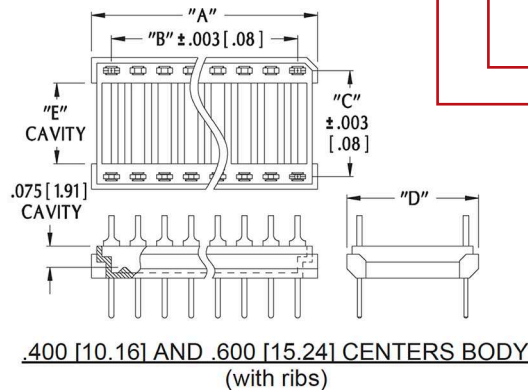
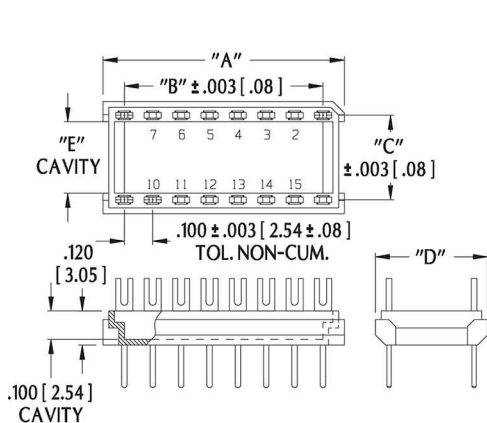
Pin Style

- 1 = Fork
- 2 = Post

Series

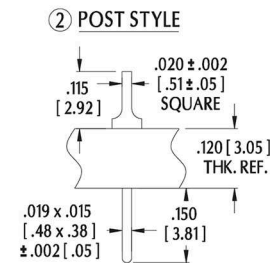
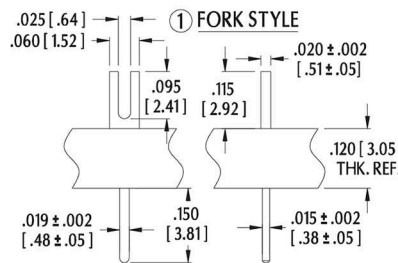
No. of Pins

- 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)

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

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