



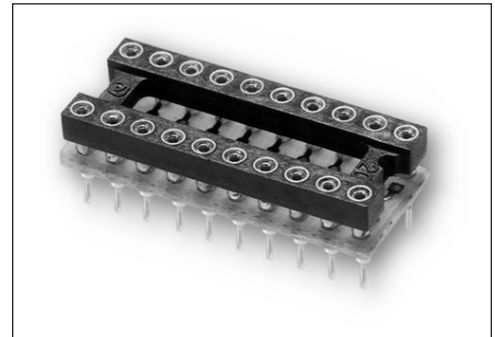
Correct-A-Chip™ Socket with Collet Contacts

FEATURES

- Correct-A-Chip™ technology solves problems associated with the use of alternate ICs (due to availability, obsolescence, need for better performance, etc.) by eliminating the need for new PCBs.
- Available with either 0.300 [7.62] or 0.600 [15.24] row-to-row spacing.

GENERAL SPECIFICATIONS

- Female Socket Material: black UL 94 V-0 Glass-filled 4/6 Nylon
- PCB: FR-4, 0.062 [1.56] or 0.094 [2.39] thick
- Male Pin: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- Male Pin Plating: 200μ [5.08μ] Sn/Pb 93/7 per ASTM B579-73 over 100μ [2.54μ] Ni per SEA-AMS-QQ-N-290
- Female Pin Body Plating: 10μ [0.254μ] Au per MIL-G-45204 over 100μ [2.54μ] Ni per SEA-AMS-QQ-N-290
- 4-fingered Collet Contact: Be-Cu per UNS C17200, ASTM B194-01
- Contact Plating: 10μ [0.254μ] Au per MIL-G-45204 over 50μ [1.27μ] Ni per SEA-AMSQQ-N-290
- Minimum Contact Current Rating: 1 amp at 5VDC
- Operating Temperature: 221°F [105°C]
- Insertion Force: 180g/pin; Withdrawal Force 90g/pin; Normal Force 140g/pin; based on 0.018 [0.46] dia. Test Lead
- Socket Accepts: 0.015-0.025 [0.38-0.64] dia. leads, 0.100-0.125 [2.54-3.18] long



NOTE: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

MOUNTING CONSIDERATIONS

- Suggested PCB Hole Size: 0.028 ±0.002 [0.71 ±0.05] dia.

CUSTOMIZATION

- In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on quantity.

NOTICE

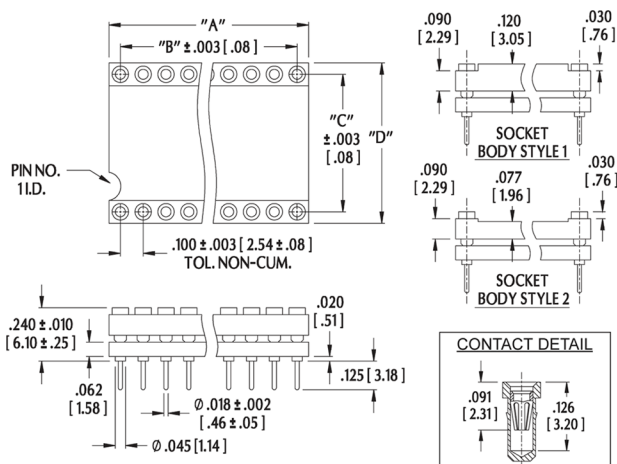
- ALL DIMENSIONS IN INCHES [MILLIMETERS]
- CONSULT FACTORY FOR OTHER SIZES & CONFIGURATIONS
- ALL TOLERANCES ±0.005 [±0.13] UNLESS OTHERWISE SPECIFIED
- PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED

ORDERING INFORMATION

Consult Factory – Aries will assign a special P/N

EASY-TO-USE WORKSHEET

18001



Centers "C"	Dim. "D"	Body Style	Available Sizes
0.300 [7.62]	0.400 [10.16]	2	2 thru 20
		1	22 thru 40
0.600 [15.24]	0.700 [17.78]	2	2 thru 40
		1	42 thru 48



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