



PROGRAM YOUR OWN CORRECT A CHIP

"QUICK C.A.C." PART NUMBER 1109800

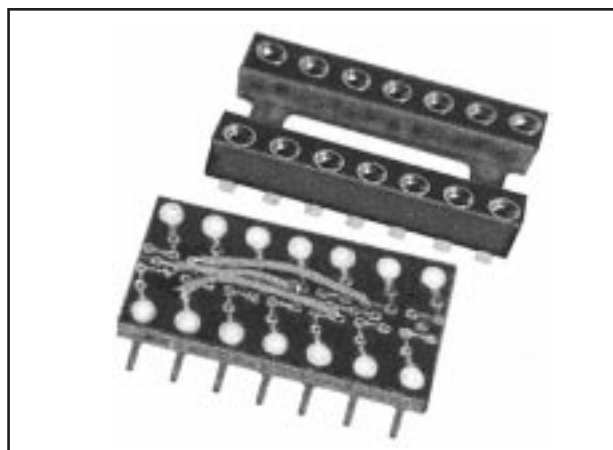
FEATURES:

SPECIFICATIONS:

- Female socket material is black UL 94V-0 Glass-filled Polyester Thermoplastic (PET).
- PCB is black FR-4, .062 [1.56] or .094 [2.39] thick.
- Male pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Male pin plating is 200μ [5.08μm] min. 93/7 Tin/Lead per MIL-P-81728 over 100μ [2.54μm] min. Nickel per QQ-N-290.
- Female pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-92.
- Contact plating is 10μ [.254μm] min. Gold per MIL-G-45204 over 50μ [1.27μm] min. Nickel per QQ-N-290.
- Minimum contact current rating=1 Amp @ 5 VDC.
- Operating temperature=221°F [105°C].
- Insertion Force=180 grams/pin; Withdrawal Force=90 grams/pin; Normal Force=140 grams/pin; based on a .018 [.46] diameter test lead.
- Socket accepts leads .015-.025 [.38-.64] in diameter, .100-.125 [2.54-3.18] long.
- .015" dia holes in PCB for #30 AWG Kynar wire or equivalent.

MOUNTING CONSIDERATIONS:

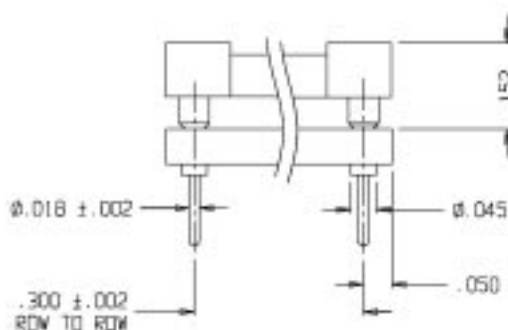
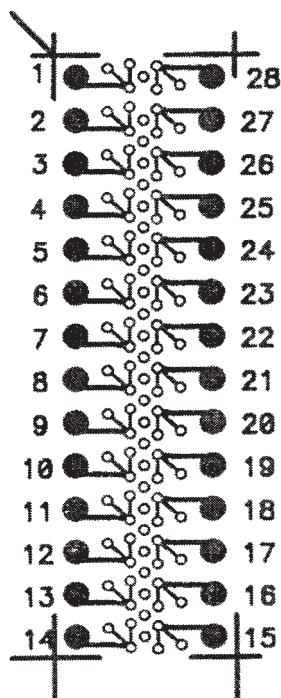
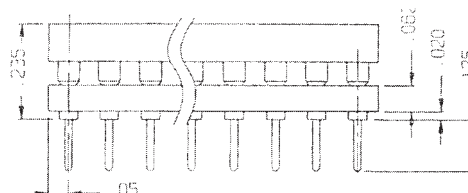
- Standard though hole.



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.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances $\pm .005$ [.13] unless otherwise specified

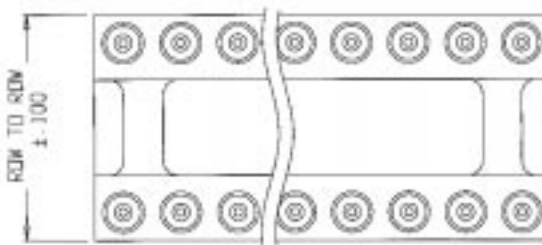


DETAIL

CUTS TO N/C, TOP/BOTTOM
TOP CUT



14 15
14 15
BOTTOM CUT DIAGONAL TRACE



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