



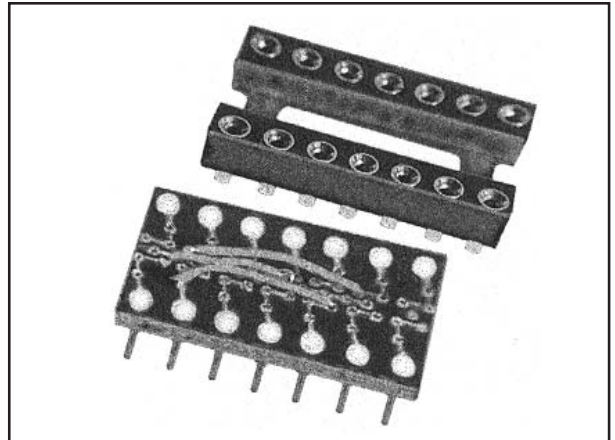
# PROGRAM YOUR OWN CORRECT A CHIP "QUICK C.A.C."

## SPECIFICATIONS:

- Female socket material is black UL 94V-0 Glass-filled 4/6 Nylon 170°C continuous use temp.
- PCB is FR-4, .062 [1.56] or .094 [2.39] thick.
- Male pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Male pin plating is 200µ [5.08µm] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 ASTM B 545 over 100µ [2.54µm] min. Nickel per SAE-AMS-QQ-N-290.
- Female pin body is Brass Alloy 360 1/2 hard per UNS C 36000 ASTM-B16-00.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Contact plating is 10µ [.254µm] min. Gold per MIL-G-45204 over 50µ [1.27µm] min. Nickel per SAE-AMS-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.

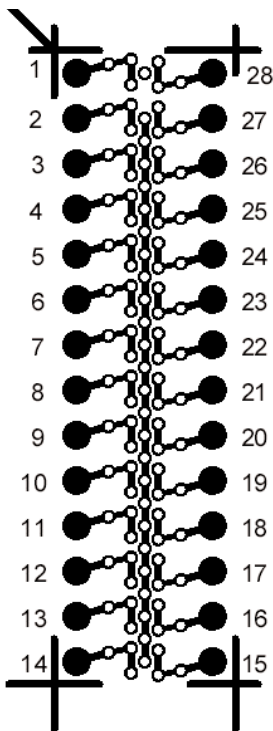


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

## ORDERING INFORMATION

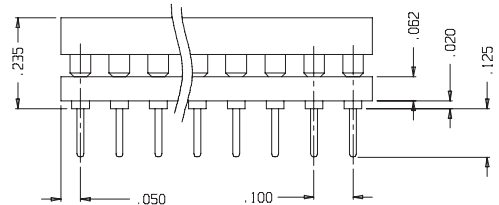
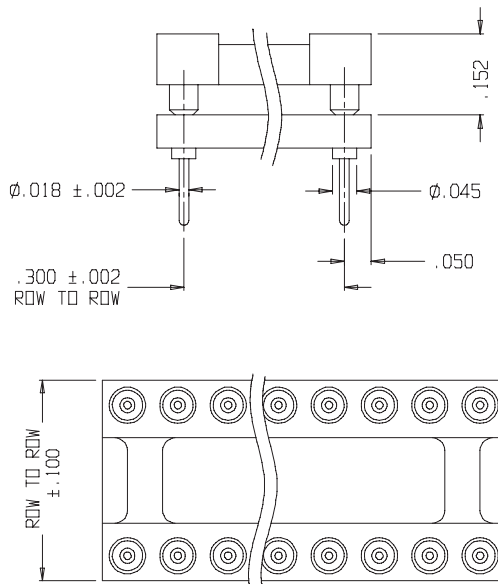
### 1109800-XX

NO. OF PINS  
(8 - 28)

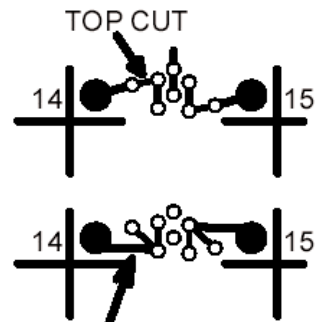


### ALL DIMENSIONS: INCHES [MM]

All tolerances ± .005 [.13] unless otherwise specified



### DETAIL OF CUTS NEEDED TO N/C TOP AND BOTTOM PINS



X-RAY VIEW FROM TOP



Bristol, PA USA  
TEL: (215) 781-9956  
FAX: (215) 781-9845



18046  
REV. F