



# Series 680 Program Header and Cover

## FEATURES

- Complete versatility for programming within the unit itself, thus eliminating the need for DIP switches in many situations.
- Available pre-programmed from Aries, or do-it-yourself using Aries Hand Tool P/N T-680. Consult Data Sheet 22002 for Programming Tool information.
- Available with plain (solid) or "top-slot" press-on covers. Plain covers protect programs while "top-slot" covers allow programming of opposing pins through square openings on top.

## GENERAL SPECIFICATIONS

- STANDARD BODY AND COVER: black UL 94V-0 Glass filled 4/6 Nylon
- PINS: Brass 260 3/4-hard, ASTM B-36
- PIN PLATING: "-T" 50-150 $\mu$  [1.27 $\mu$ ] min. matte Sn per ASTM B545-97(2004) e1 over 50 $\mu$  [1.27 $\mu$ ] min. Ni per SAE AMS-QQ-N-290B; "-TL" 50-150 $\mu$  [1.27 - 3.81 $\mu$ ] min. 60/40 Sn/Pb per SAE AMS-P-81728 over 50 $\mu$  [1.27 $\mu$ ] min. Ni per SAE AMS-QQ-N-290B
- CURRENT RATING: 1 amp
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.032  $\pm$  0.002 [0.81  $\pm$  0.05] dia.

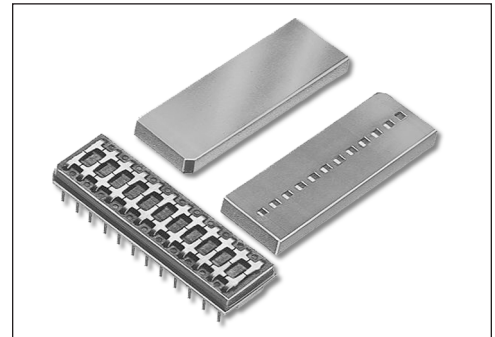
ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED

"A" # PINS PER ROW  $\times$  0.100 [2.54] +0.050 [1.27]

"B" (# PINS PER ROW -1)  $\times$  0.100 [2.54]

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



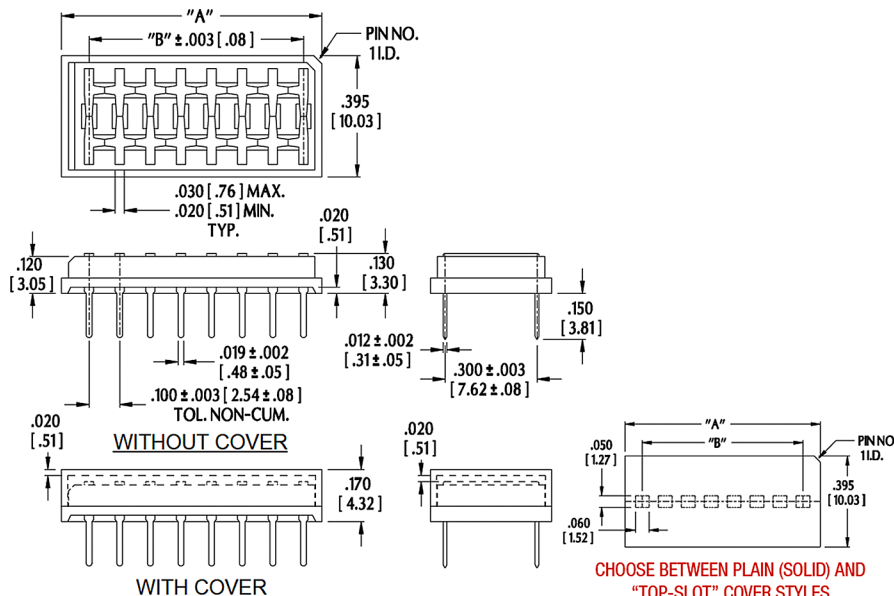
**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications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

## ORDERING INFORMATION

**XX-680-19X XX X**

No. of Pins  
4 thru 24  
Series  
Interconnection Styles  
see below

Optional Top Slot = "C"  
preassembled to header  
Style 191 only  
Plating  
T = Sn  
TL = Sn/Pb



## COVER ORDERING INFORMATION

**XX-68X-10**

No. of Pins  
4 thru 24  
Cover Series  
655 = Plain  
658 = Top Slot

Cover No.

|  |                                                                               |
|--|-------------------------------------------------------------------------------|
|  | <b>STYLE 190</b><br>All pins interconnected,<br>both adjacent and<br>opposing |
|  | <b>STYLE 191</b><br>Opposing pins<br>interconnected only.                     |



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