



# Series 351000 SSOP-to-DIP Adapter

## FEATURES

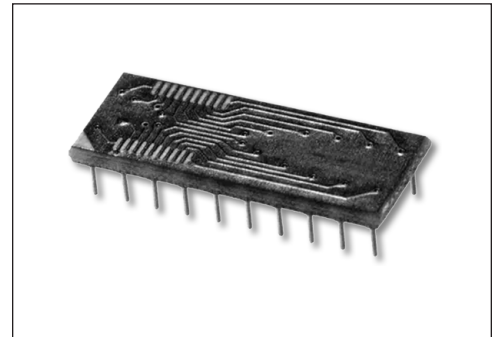
- Allows the use of 0.65mm pitch surface-mount ICs in thru-hole designs.
- Ideal for prototyping and testing/evaluating SSOP ICs.
- Adapter can be cut to smaller sizes by end user.
- Consult factory for Panelized Form or for mounting of consigned ICs.

## GENERAL SPECIFICATIONS

- ADAPTER BODY: FR-4, 0.062 [1.58] thick, with 1-oz. Cu traces
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: 200 $\mu$  [5.08 $\mu$ ] min. Sn/Pb 93/7 per ASTM B579-73 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290 with 10 $\mu$  [0.25 $\mu$ ] min. Au per MIL-G-4524 over 100 $\mu$  [2.54] Ni per SAE AMS-QQ-N-290
- CURRENT RATING: 1 amp
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028  $\pm$  0.003 [0.71  $\pm$  0.08] dia.
- Will plug into standard IC socket



**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-351000-10**

No. of Pins	Plating
14, 16, 18, 20, 24, 28	10 = Sn/Pb
Series	11 = Au

ALL DIMENSIONS: INCHES [MILLIMETERS]

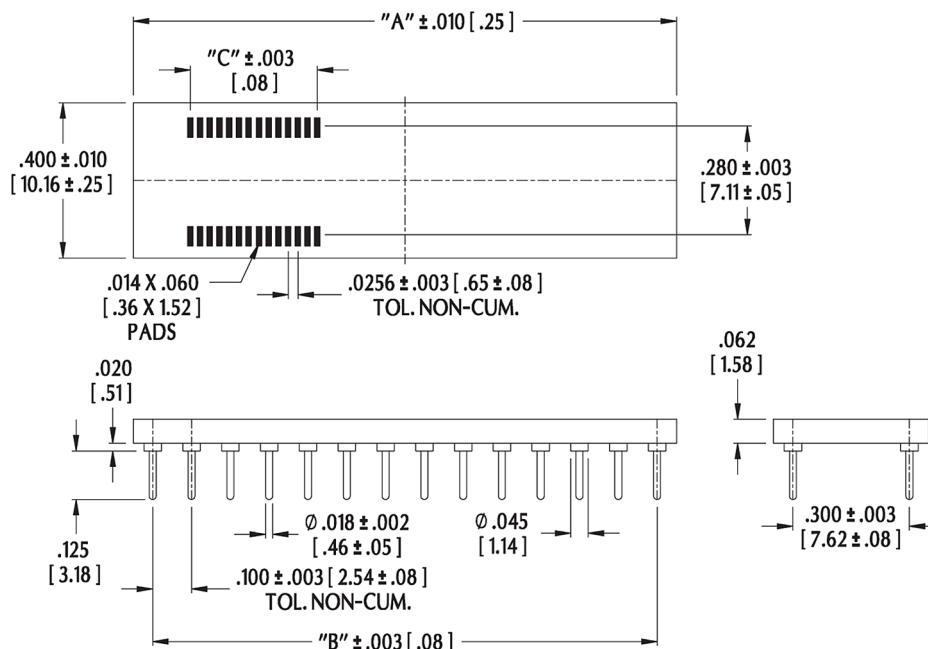
ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED

"A" # OF PINS PER ROW  $\times$  0.100 [2.54]

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

"C" (# OF PADS PER ROW -1)  $\times$  0.0256 [0.65]

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



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