



# P/N XX-666000-00 SOIC-to-SOWIC Adapter

## FEATURES

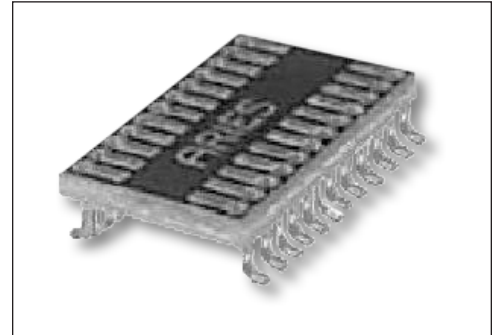
- Allows the use of a narrow package IC in place of a wide one.

## GENERAL SPECIFICATIONS

- LEADS: mechanically fastened and soldered to adapter's PCB substrate
- PCB: FR-4, 0.062 [1.56] or 0.094 [2.39] thick manufactured to IPC 600E Class 2 standards
- MALE PIN: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- MALE PIN PLATING: 200 $\mu$  [5.08 $\mu$ ] Sn/Pb 93/7 per ASTM B579-73 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- Standard SMT mounting to PCB
- SMT Package can be IR reflowed, vapor phased, or simply hand soldered



**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-666000-00**

No. of Conductors  
8-24  
Series

Surface Mount

ALL DIMENSIONS: INCHES [MILLIMETERS]

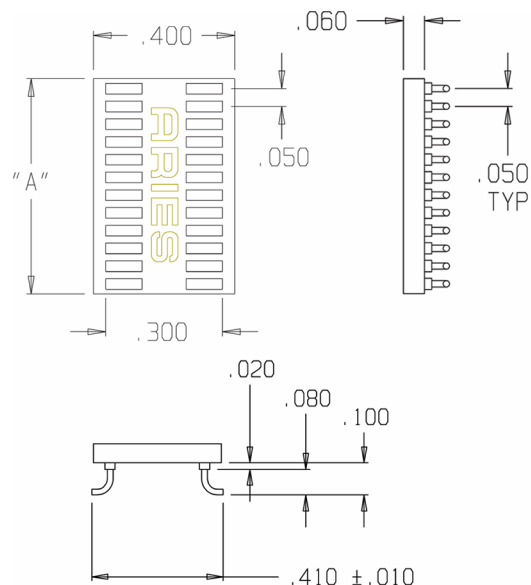
ALL TOLERANCES:  $\pm 0.005$  [0.13] UNLESS OTHERWISE SPECIFIED

PADS ARE 0.076 [1.93] x 0.024 [0.61]

"A" DIMENSION =  $1/2 \times \text{TOTAL PIN COUNT} \times 0.050$  [1.27] + 0.030 [0.76]

ALL CAC's ARE MANUFACTURED AND INSPECTED TO IPC- 610B CLASS 2 GUIDELINES

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



**ARIES**  
ELECTRONICS, INC.

Bristol, PA 19007-6810 USA  
TEL (215) 781-9956 • FAX (215) 781-9845  
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM