



# Part Number XX-666000-00 SOIC to SOWIC Adapter

### FEATURES:

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

### SPECIFICATIONS:

- Leads are mechanically fastened and soldered to adapters PCB substrate.
- PCB is FR-4, .062 [1.56] or .094 [2.39] thick manufactured to IPC-600E Class 2 standards.
- Male pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Male pin plating is 200µ [5.08µm] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100µ [2.54µm] Nickel per SAE-AMS-QQ-N-290.
- Operating temperature=221°F [105°C].
- All C.A.C's are manufactured and inspected using IPC-610B Class 2 guidelines.

### MOUNTING CONSIDERATIONS:

- Standard through hole mounting to PCB
- Small package can be IR reflowed, vapor phased, or simply hand soldered.



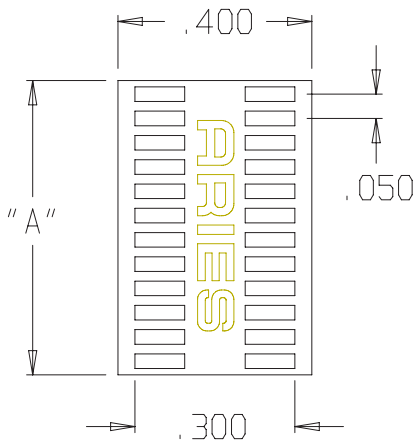
*Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.*

### ORDERING INFORMATION

**XX-666000-00**

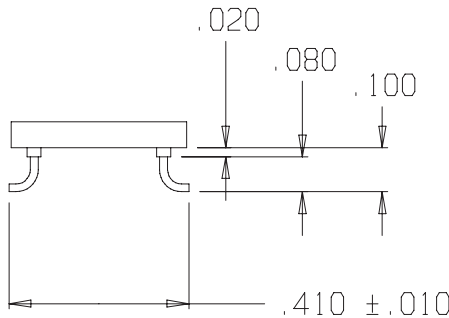
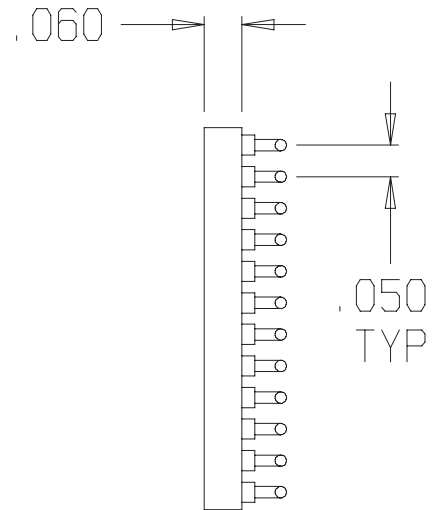
No. of conductors:  
8-24

Surface Mount  
Series number



**PADS ARE .076 X .024**

**A DIMENSION = 1/2 x  
TOTAL PIN COUNT x  
.050" + .030"**



**ALL DIMENSIONS: INCHES [MILLIMETERS]**

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



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