



# Series 35W000 SOWIC-to-DIP Adapters – 14/28 Pins

## FEATURES

- A cost effective means of upgrading to SOIC without changing your PCB layout
- Available on 0.300 [7.62] centers. Consult Data Sheet **18011** for adapters on 0.400 [10.16], or 0.600 [15.24] centers

## SPECIFICATIONS

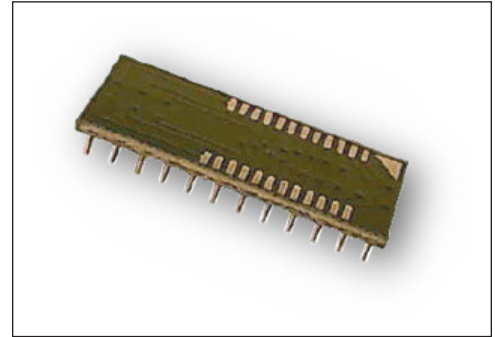
- Board Material: 0.062 thick FR-4 with 1-oz. Copper traces, both sides
- Pins: Brass Alloy 360 1/2-hard per UNS C36000 ASTM-B16-00
- Pin Plating: 200 $\mu$  [5.08 $\mu$ ] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100 $\mu$  [2.54 $\mu$ ] Nickel per SAE-AMS-QQ-N-290
- Operating Temperature: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- Suggested PCB Hole Size: 0.028  $\pm$  0.003 [0.71  $\pm$  0.08] diameter

## NOTICE

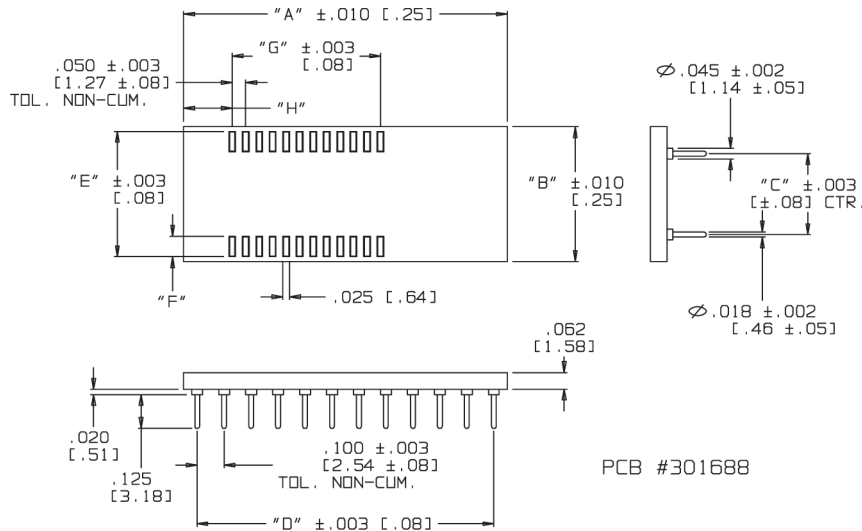
- ALL DIMENSIONS IN INCHES [MILLIMETERS]
- CONSULT FACTORY FOR OTHER SIZES & CONFIGURATIONS
- ALL TOLERANCES  $\pm$  0.005 [ $\pm$ 0.13] UNLESS OTHERWISE SPECIFIED
- PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED
- "A" = NO. OF PINS PER ROW x 0.100 [2.54]
- "D" = (NO. OF PINS PER ROW -1) x 0.100 [2.54]



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

See Table (below) for P/Ns



P/N	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
14-35W000-10	14	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.500 [12.70]	0.180 [4.57]
16-35W000-10	16	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.550 [13.97]	0.180 [4.57]
18-35W000-10	18	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.550 [13.97]	0.180 [4.57]
20-35W000-10	20	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.550 [13.97]	0.180 [4.57]
24-35W000-10	24	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.550 [13.97]	0.180 [4.57]
28-35W000-10	28	SOIC	0.500 [12.70]	0.300 [7.62]	0.465 [11.81]	0.076 [1.93]	0.550 [13.97]	0.180 [4.57]



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