



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

FEATURES

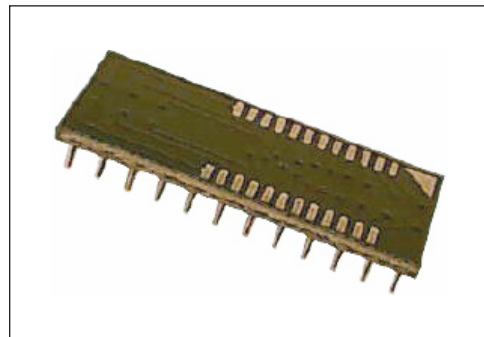
- A cost effective means of upgrading to SOIC without changing your PCB layout
- Available on 0.300 [7.62] centers. Consult Data Sheet **18011** for adapters on 0.400 [10.16], or 0.600 [15.24] centers

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: 200μ [5.08μ] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100μ [2.54μ] Nickel per SAE-AMS-QQ-N-290
- Operating Temperature: 221°F [105°C]

MOUNTING CONSIDERATIONS

- Suggested PCB Hole Size: 0.028 ± 0.003 [0.71 ±0.08] diameter



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.

ALL DIMENSIONS: INCHES [MILLIMETERS]

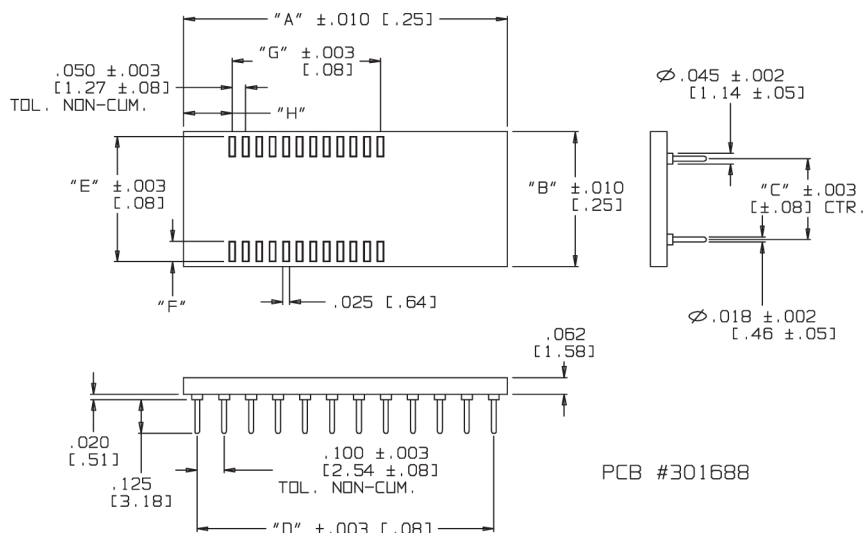
"A" = NO. OF PINS PER ROW x 0.100 [2.54]

"D" = (NO. OF PINS PER ROW -1) x 0.100 [2.54]

All tolerances ± 0.005 [0.13] unless otherwise specified

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]



ARIES
ELECTRONICS, INC.

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



PRINTOUTS OF THIS DOCUMENT MAY BE OUT OF DATE AND SHOULD BE CONSIDERED UNCONTROLLED

18007
Rev. G