



Series 350000 SOIC & SOJ-to-DIP Adaptors

FEATURES

- A cost-effective means of upgrading to SOJ or SOIC without changing your PCB layout
- Available on 0.300 [7.62] centers. Consult Data Sheet **18011** for adaptors 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 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]

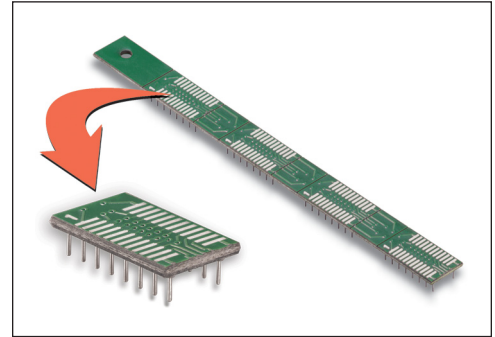
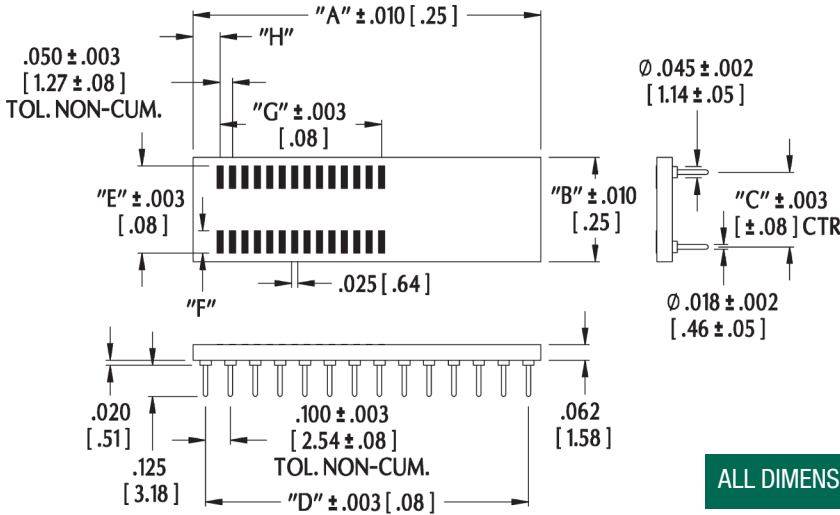
MOUNTING CONSIDERATIONS

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

"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

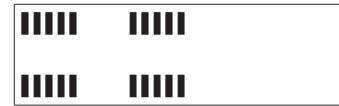


NOTE: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION

XX-350000-1X-P

Pins (see Table) —
Series —
Option:
Panelized Form
Pin Plating:
0 = Tin/Lead
1 = Gold/Nickel



Part No. 20-350001-10
Board pad layout - top view

Available in panelized form with or without customer supplied devices mounted. Consult factory.

ALL DIMENSIONS: INCHES [MILLIMETERS]

P/N	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
08-350000-1X	8	SOIC	0.460 [11.68]	0.300 [7.62]	0.455 [11.56]	0.155 [3.94]	0.150 [3.81]	0.121 [3.07]
14-350000-1X	14	SOIC	0.450 [11.43]	0.300 [7.62]	0.420 [10.67]	0.138 [3.51]	0.500 [12.07]	0.180 [4.57]
16-350000-1X	16	SOIC	0.450 [11.43]	0.300 [7.62]	0.420 [10.67]	0.138 [3.51]	0.550 [13.97]	0.180 [4.57]
18-350000-1X	18	SOIC	0.450 [11.43]	0.300 [7.62]	0.420 [10.67]	0.138 [3.51]	0.550 [13.97]	0.180 [4.57]
20-350000-1X	20	SOIC	0.450 [11.43]	0.300 [7.62]	0.420 [10.67]	0.138 [3.51]	0.550 [13.97]	0.180 [4.57]
24-350000-1X	24	SOIC	0.450 [11.43]	0.300 [7.62]	0.420 [10.67]	0.138 [3.51]	0.550 [13.97]	0.180 [4.57]
20-350000-1X	20	SOJ	0.420 [10.67]	0.300 [7.62]	0.350 [8.89]	0.090 [2.29]	0.550 [13.97]	0.060 [1.52]
28-350000-1X	28	SOIC	0.400 [10.16]	0.300 [7.62]	0.350 [8.89]	0.090 [2.29]	0.650 [16.51]	0.375 [9.53]



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