



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]

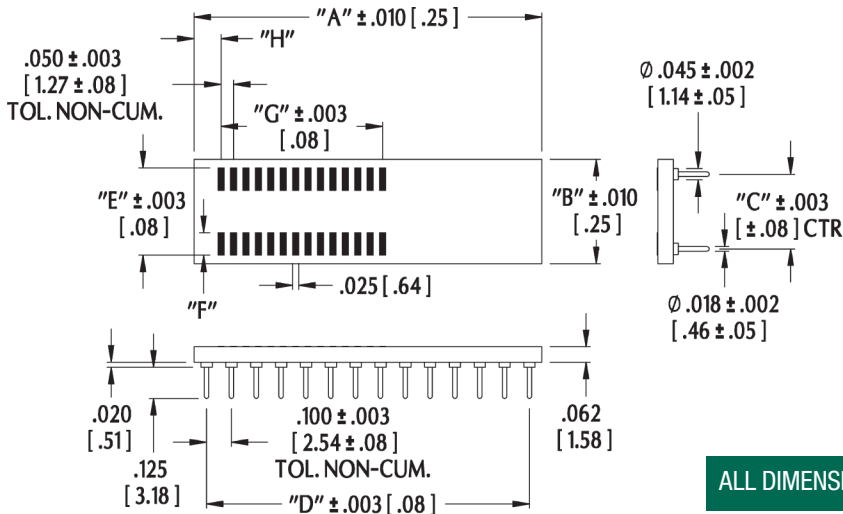
MOUNTING CONSIDERATIONS

- 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

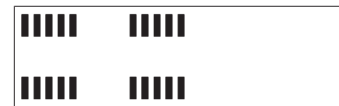


ORDERING INFORMATION

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

ALL DIMENSIONS: INCHES [MILLIMETERS]

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

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]



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

18010
Rev. K