



Series 350000 SOIC & SOJ to DIP Adapters

FEATURES:

- A cost effective means of upgrading to SOJ or SOIC...without changing your PCB layout.
- Available on .300 [7.62] centers. Consult Data Sheet No. 18011 for adapters on .400 [10.16], or .600 [15.24] centers.

SPECIFICATIONS:

- Board material is .062 thick FR-4 with 1 oz. Copper traces, both sides.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- 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].

MOUNTING CONSIDERATIONS:

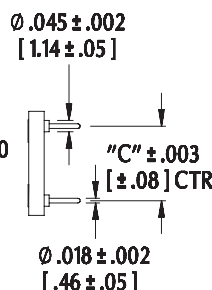
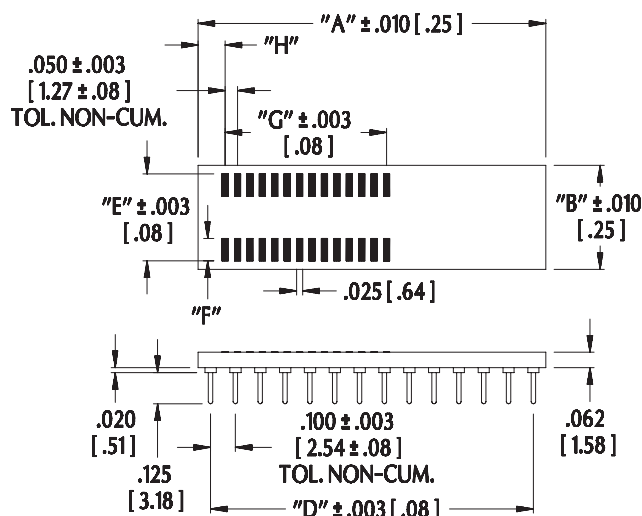
- Suggested PCB hole size=.028 ± .003 [.71 ± .08]. dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

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

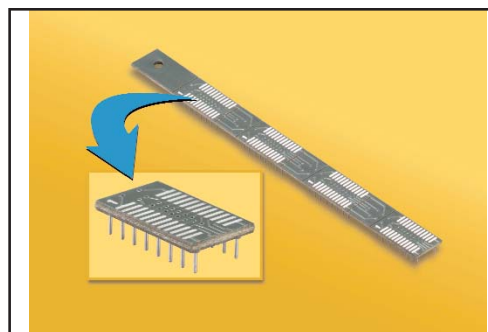
"A"=NO. OF PINS PER ROW X .100 [2.54]

"D"=(NO. OF PINS PER ROW - 1) X .100 [2.54]



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

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



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

No. of Pins
(see table)

Series

Pin Plating:
0= Tin/Lead
1=Gold/Nickel

Part No.	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
08-350000-1X	8	SOIC	.460[11.68]	.300[7.62]	.455[11.56]	.155[3.94]	.150[3.81]	.121[3.07]
14-350000-1X	14	SOIC	.450[11.43]	.300[7.62]	.420[10.67]	.138[3.51]	.300[7.62]	.180[4.57]
16-350000-1X	16	SOIC	.450[11.43]	.300[7.62]	.420[10.67]	.138[3.51]	.350[8.89]	.180[4.57]
18-350000-1X	18	SOIC	.450[11.43]	.300[7.62]	.420[10.67]	.138[3.51]	.400[10.16]	.180[4.57]
20-350000-1X	20	SOIC	.450[11.43]	.300[7.62]	.420[10.67]	.138[3.51]	.450[11.43]	.180[4.57]
24-350000-1X	24	SOIC	.450[11.43]	.300[7.62]	.420[10.67]	.138[3.51]	.550[13.97]	.180[4.57]
20-350001-1X	20	SOJ	.420[10.67]	.300[7.62]	.350 [8.89]	.090[2.29]	.600[15.24]	.060[1.52]
28-350002-1X	28	SOIC	.400[10.16]	.300[7.62]	.350 [8.89]	.090[2.29]	.650[16.51]	.375[9.53]

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18010
REV.G