



Series 35000X

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-B16-85.
- Pin plating is 200 μ [5.08 μ m] min. 93/7 Tin/Lead per MIL-P-81728 over 100 μ [2.54 μ m] min. Nickel per QQ-N-290.
- Operating temperature=221°F [105°C].

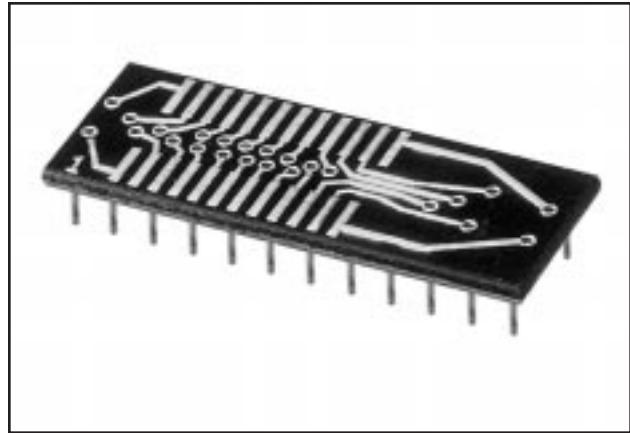
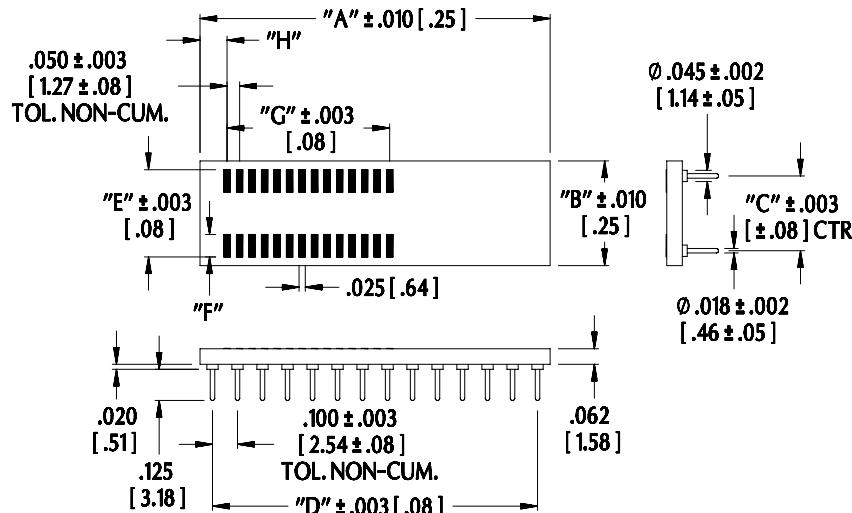
MOUNTING CONSIDERATIONS:

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

ALL DIMENSIONS: INCHES [MILLIMETERS]

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

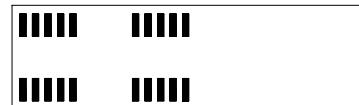
"A"=NO. OF PINS PER ROW X .100 [2.54]
"D"=(NO. OF PINS PER ROW - 1) X .100 [2.54]



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 for
part numbers



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

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

Part No.	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
08-350000-10	8	SOIC	.460 [11.68]	.300 [7.62]	.455 [11.56]	.155 [3.94]	.150 [3.81]	.121 [3.07]
14-350000-10	14	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.300 [7.62]	.180 [4.57]
16-350000-10	16	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.350 [8.89]	.180 [4.57]
18-350000-10	18	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.400 [10.16]	.180 [4.57]
20-350000-10	20	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.450 [11.43]	.180 [4.57]
24-350000-10	24	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.550 [13.97]	.180 [4.57]
20-350001-10	20	SOJ	.420 [10.67]	.300 [7.62]	.350 [8.89]	.090 [2.29]	.600 [15.24]	.060 [1.52]
28-350002-10	28	SOIC	.400 [10.16]	.300 [7.62]	.350 [8.89]	.090 [2.29]	.650 [16.51]	.375 [9.53]

