



Series 45000X & 65000X SOIC & SOJ to DIP Adapters

FEATURES:

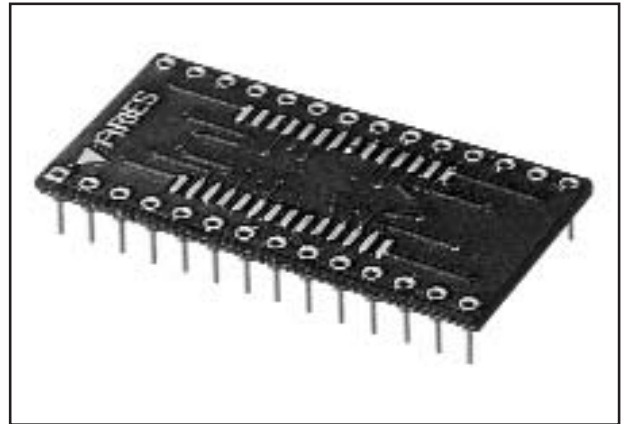
- A cost effective means of upgrading to SOJ or SOIC...without changing your PCB layout.
- Available on .400 [10.16] and .600 [15.24] centers. Consult Data Sheet No. 18010 for adapters on .300 [7.62] centers.

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 ± .002 [.71 ± .05]. dia.



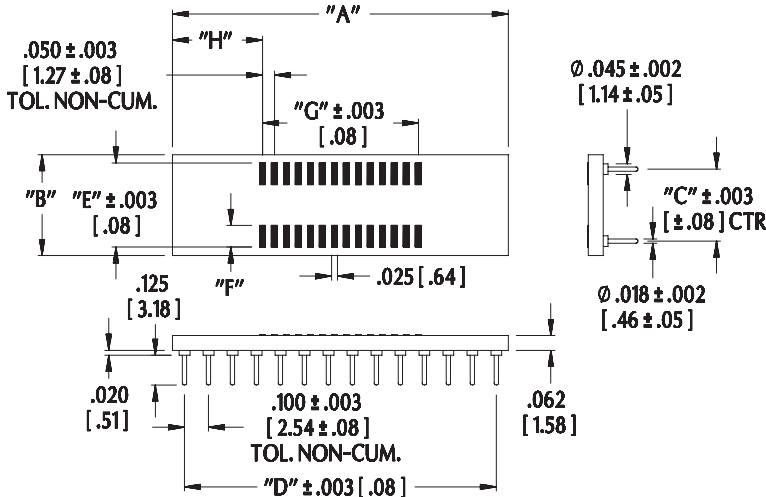
Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ALL DIMENSIONS: INCHES [MILLIMETERS]

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]



ORDERING INFORMATION

See table for part numbers

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"
28-450001-10	28	SOJ	.480 [12.19]	.400 [10.16]	.460 [11.68]	.080 [2.03]	.650 [16.51]	.325 [8.26]
32-450001-10	32	SOJ	.530 [13.46]	.400 [10.16]	.500 [12.70]	.090 [2.29]	.750 [19.05]	.425 [10.80]
32-650000-10	32	SOJ	.700 [17.78]	.600 [15.24]	.650 [16.51]	.200 [5.08]	.750 [19.05]	.425 [10.80]
24-650000-10	24	SOIC	.700 [17.78]	.600 [15.24]	.455 [11.56]	.150 [3.81]	.550 [13.97]	.180 [4.57]
28-650000-10	28	SOIC	.700 [17.78]	.600 [15.24]	.450 [11.43]	.075 [1.91]	.650 [16.51]	.375 [9.53]



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18011
REV.E