Series 450001 and 650000
SOIC and SOJ-to-DIP Adapter

FEATURES

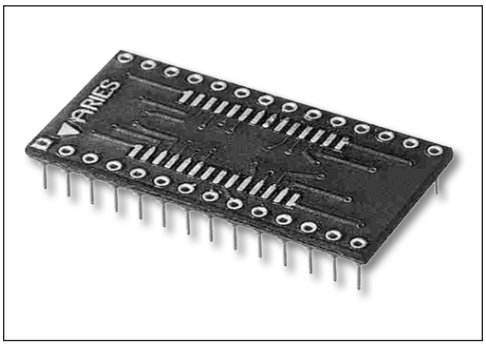
- A cost-effective means of upgrading to SOJ or SOIC without changing your PCB layout.
- Available on 0.400 [10.16] and 0.600 [15.24] centers. Consult **Data Sheet 18010** for Adapters on 0.300 [7.62] centers.

GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 [1.58] thick FR-4 or IS410 per IPC 4101A/26 with 1-oz. Cu traces, both sides
- PADS: finished with HASL
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: Sn/Pb
- OPERATING TEMPERATURE: 221°F [105°C]

MOUNTING CONSIDERATIONS

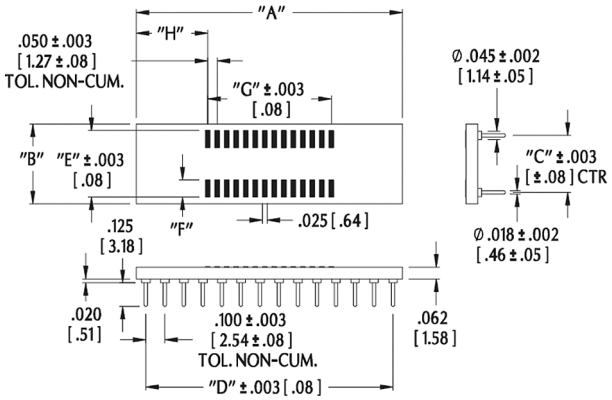
- SUGGESTED PCB HOLE SIZE: 0.028 ±0.002 [0.71 ±0.05] dia.



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

ORDERING INFORMATION

(See Table below)



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

"A" = NO. OF PINS PER ROW X 0.100 [2.54]
"D" = (NO. OF PINS PER ROW - 1) X 0.100 [2.54]

AVAILABLE IN PANELIZED FORM WITH OR WITHOUT CUSTOMER-SUPPLIED DEVICES MOUNTED. CONSULT FACTORY.

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

P/N	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
28-450001-10	28	SOJ	0.480 [12.19]	0.400 [10.16]	0.460 [11.68]	0.080 [2.03]	0.650 [16.51]	0.325 [8.26]
32-450001-10	32	SOJ	0.530 [13.46]	0.400 [10.16]	0.500 [12.70]	0.090 [2.29]	0.750 [19.05]	0.425 [10.80]
32-650000-10	32	SOJ	0.700 [17.78]	0.600 [15.24]	0.650 [16.51]	0.200 [5.08]	0.750 [19.05]	0.425 [10.80]
24-650000-10	24	SOIC	0.700 [17.78]	0.600 [15.24]	0.455 [11.56]	0.150 [3.81]	0.550 [13.97]	0.180 [4.57]
28-650000-10	28	SOIC	0.700 [17.78]	0.600 [15.24]	0.450 [11.43]	0.075 [1.91]	0.650 [16.51]	0.375 [9.53]

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