Series 652000 and 653000
PLCC-to-DIP Adapter

FEATURES

- Converts PLCC packaged ICs to DIP footprints.
- Ideal for prototyping and testing/evaluation.
- Available with PLCC sockets or PLCC pads on top side.
- Consult factory for Panelized Form or for mounting of consigned ICs.

GENERAL SPECIFICATIONS

- ADAPTER BODY: FR-4, 0.062 [1.58] thick, with 1-oz. Cu traces
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: Sn/Pb 93/7 is 200µ [5.08µ] per ASTM B579-73 over 100µ [2.54µ] Ni per SAE-AMS-QQ-N-290 with 10µ [0.254µ] Au per MIL-G-45204 over 100µ [2.54µ] Ni per SAE AMS-QQ-N-290
- OPTIONAL PLCC SURFACE MOUNT SOCKET: UL 94V-0 PPS
- SOCKET CONTACTS: Phosphor Bronze, Sn-plated
- CURRENT RATING: 1 amp
- OPERATING TEMPERATURE: 221°F [105°C]

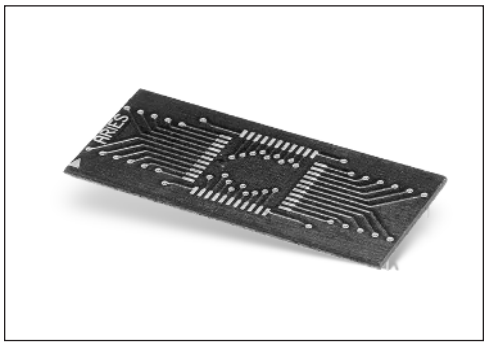
MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028 ±0.003 [0.71 ±0.08] dia.
- Will plug into Standard IC Socket
- See Table for Pad Layout when mounting PLCC socket

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

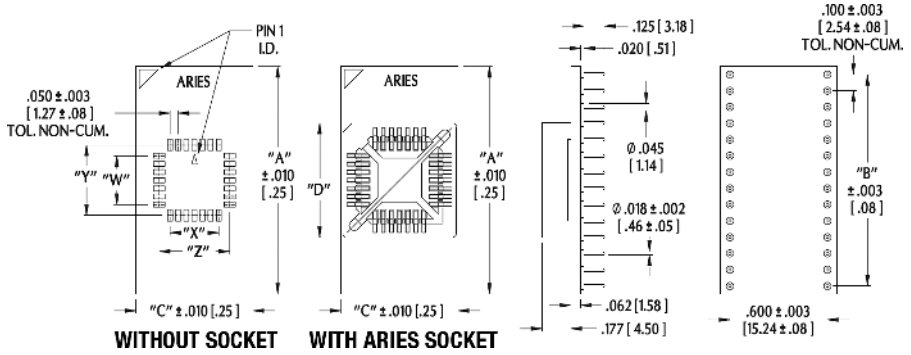


CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE**: Aries reserves the right to change product general specifications without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

ORDERING INFORMATION

XX-65X000-1 X

- No. of Pins: 28, 32, 44, 68, 84
- Series: 652000: without socket; 653000: with socket
- Plating: 0 = Sn/Pb; 1 = Au
- Solder Tail Pin



Pins	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "W" ±0.003 [±0.08] non-cumulative	Dim. "X" ±0.003 [±0.08] non-cumulative	Dim "Y" ±0.003 [±0.08]	Dim. "Z" ±0.003 [±0.08]	Pad Size
28	1.400 [35.56]	1.300 [33.02]	0.705 [17.91]	0.703 [17.86]	0.300 [7.62]	0.300 [7.62]	0.449 [11.41]	0.449 [11.41]	0.024 x 0.076 [0.61 x 1.93]
32	1.600 [40.64]	1.500 [38.10]	0.705 [17.91]	0.805 [20.45]	0.400 [10.16]	0.300 [7.62]	0.549 [13.95]	0.448 [11.39]	0.024 x 0.076 [0.61 x 1.93]
44	2.200 [55.88]	2.100 [53.34]	0.910 [23.11]	0.910 [23.11]	0.500 [12.70]	0.500 [12.70]	0.670 [17.02]	0.670 [17.02]	0.026 x 0.076 [0.66 x 1.93]
68	3.400 [86.36]	3.300 [88.32]	1.220 [30.99]	1.220 [30.99]	0.800 [20.32]	0.800 [20.32]	0.945 [24.00]	0.945 [24.00]	0.026 x 0.076 [0.66 x 1.93]
84	4.200 [106.68]	4.100 [104.14]	1.420 [36.07]	1.421 [36.09]	1.000 [24.40]	1.147 [29.13]	1.147 [29.13]	1.147 [29.13]	0.026 x 0.080 [0.66 x 2.03]

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