



# Series 352000/353000 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 con-signed ICs.

## SPECIFICATIONS:

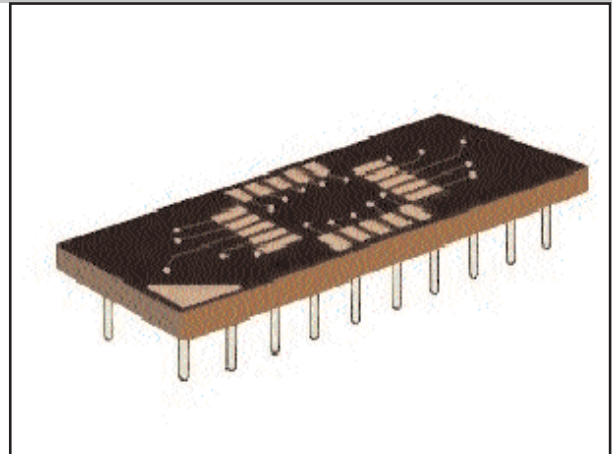
- Adapter body is FR-4, .062 [1.58] thick, with 1 ounce minimum Copper traces.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin plating is Tin/Lead 93/7 per ASTM B 545 over 100µ [2.54µm] Nickel per SAE-AMS-QQ-N-290.
- Optional PLCC sockets are UL 94V-0 PPS.
- Socket contacts are Phosphor Bronze.
- Socket contact plating is 200µ min. Tin/Lead 93/7 per ASTM B 545 over 50µ min. Nickel per SAE-AMS-QQ-290.
- Current rating=1 Amp.
- Operating temperature=221°F [105°C].

## MOUNTING CONSIDERATIONS

- Suggested PCB hole size=.028 ± .003 [.71 ± .08] dia.
- Will plug into standard IC sockets.
- See table for pad layout when mounting PLCC socket.

**ALL DIMENSIONS: INCHES [MILLIMETERS]**

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

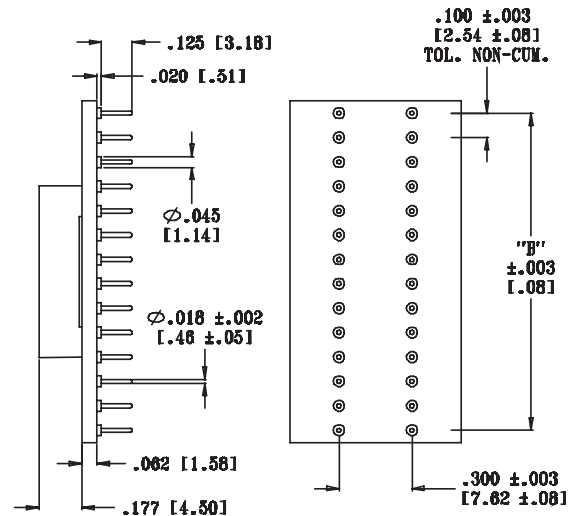
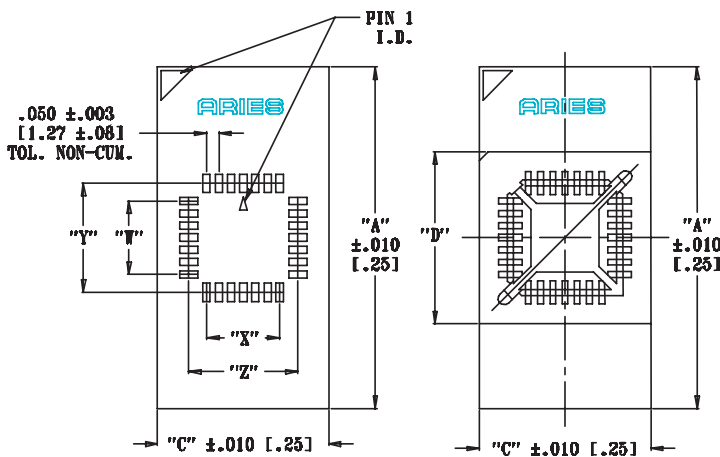


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

## ORDERING INFORMATION

**XX-35X000-10**

No. of pins: 20,28      Series: 352000: without socket  
353000: with socket      Tin plated solder tail pin



No. of Pos.	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "W" ± .003 [.08] non-cumulative	Dim. "X" ± .003 [.08] non-cumulative	Dim. "Y" ± .003 [.08]	Dim. "Z" ± .003 [.08]	Pad Size
20	1.0 [25.4]	.9 [22.86]	.5 [12.7]	.5 [12.7]	.2 [5.08]	.2 [5.08]	.35 [8.89]	.35 [8.89]	.024 x .076 [.61 x 1.93]
28	1.400 [35.56]	1.300 [33.02]	.705 [17.91]	.705 [17.91]	.300 [7.62]	.300 [7.62]	.449 [11.41]	.449 [11.41]	.024 x .076 [.61 x 1.93]

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