



Series 652000/653000 PLCC to DIP Adapter RoHs Compliant

FEATURES:

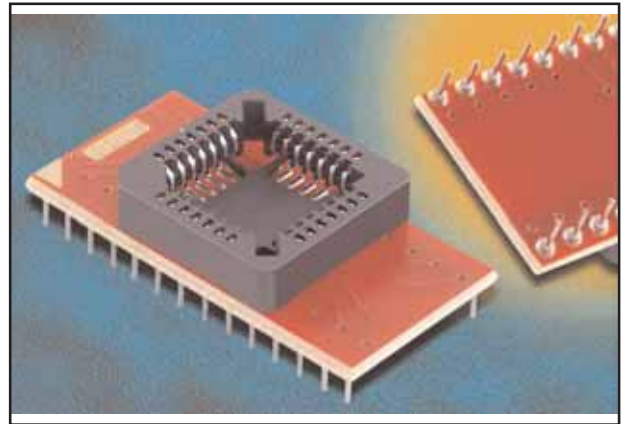
- Converts PLCC packaged ICs to DIP footprints.
- Ideal for prototyping and testing/evaluation.
- Available with PLCC sockets or PLCC pads on top side.
- Consult factory for panelized form or for mounting of consigned ICs.

SPECIFICATIONS:

- Adapter body is .062 FR406 or IS410 per IPC4101A/26 with 1 ounce minimum Copper traces both sides finished with ENIG (Immersion Gold over Electroless Nickel).
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin plating is 10µ" Min. Gold Per MIL-G-45204 over 100µ" Min Nickel per SAE-AMS-QQ-N-290.
- Optional PLCC Surface Mount sockets are UL 94V-0 Ryton™.
- Socket contacts are Phosphor Bronze, Tin Plated (RoHS Compliant).
- 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.



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.

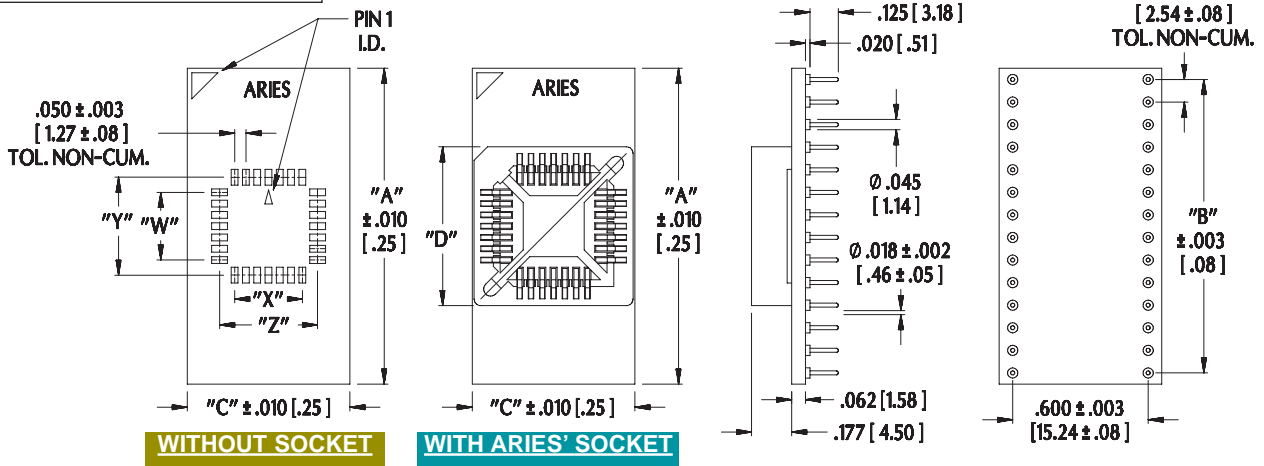
ORDERING INFORMATION

XX-65X000-11-RC

No. of pins: 28, 32, 44, 68, 84
 Series: 652000: without socket
 653000: with socket
 Gold plated solder tail pin
 RoHs Compliant

ALL DIMENSIONS: INCHES [MILLIMETERS]

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



| 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 |
|-------------|----------------|----------------|---------------|---------------|------------------------------------|------------------------------------|---------------------|---------------------|-----------------------------|
| 28 | 1.400 [35.56] | 1.300 [33.02] | .705 [17.91] | .300 [7.62] | .300 [7.62] | .300 [7.62] | .449 [11.41] | .449 [11.41] | .024x.076 [.61 x 1.93] |
| 32 | 1.600 [40.64] | 1.500 [38.10] | .705 [17.91] | .805 [20.45] | .400 [10.16] | .300 [7.62] | .549 [13.95] | .448 [11.39] | .024x.076 [.61 x 1.93] |
| 44 | 2.200 [55.88] | 2.100 [53.34] | .910 [23.11] | .910 [23.11] | .500 [12.70] | .500 [12.70] | .670 [17.02] | .670 [17.02] | .026 x .080 [.66 x 2.03] |
| 68 | 3.400 [86.36] | 3.300 [83.82] | 1.220 [30.99] | 1.220 [30.99] | .800 [20.32] | .800 [20.32] | .945 [24.00] | .945 [24.00] | .026 x .080 [.66 x 2.03] |
| 84 | 4.200 [106.68] | 4.100 [104.14] | 1.420 [36.07] | 1.410 [25.40] | 1.000 [24.40] | 1.147 [29.13] | 1.147 [29.13] | 1.147 [29.13] | .026 x .080 [.66 x 2.03] |

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