Series 352000 and 353000
PLCC-to-DIP Adapter

FEATURES
- Converts PLCC packaged IC-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: 0.062 [1.58] thick, FR-4 with 1-oz. Cu traces
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: Sn/Pb 93/7 per ASTM B579-73 over 100µ [2.54µ] Ni per SAE-AMS-QQ-N-290
- OPTIONAL PLCC SOCKETS: UL 94V-0 PPS
- SOCKET CONTACTS: Phosphor Bronze
- SOCKET CONTACT PLATING: 200µ [5.08µ] Sn/Pb 93/7 per ASTM B579-73 over 50µ [1.27µ] Ni per SAE AMS-QQ-290
- 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

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-35X000-10
No. of Pins Series
20, 28
352000: without socket
353000: with socket

Sn-plated Solder Tail Pin

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

<table>
<thead>
<tr>
<th>Pins</th>
<th>Dim. “A”</th>
<th>Dim. “B”</th>
<th>Dim. “C”</th>
<th>Dim. “D”</th>
<th>Dim. “W” ±0.003 [0.08] non-cumulative</th>
<th>Dim. “X” ±0.003 [0.08] non-cumulative</th>
<th>Dim. “Y” ±0.003 [0.08]</th>
<th>Dim. “Z” ±0.003 [0.08]</th>
<th>Pad Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1.000 [25.4]</td>
<td>0.900 [22.86]</td>
<td>0.500 [12.7]</td>
<td>0.500 [12.7]</td>
<td>0.200 [5.08]</td>
<td>0.200 [5.08]</td>
<td>0.350 [8.89]</td>
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<td>0.024 x 0.076 [0.61 x 1.93]</td>
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<tr>
<td>28</td>
<td>1.400 [35.56]</td>
<td>1.300 [33.02]</td>
<td>0.705 [17.91]</td>
<td>0.705 [17.91]</td>
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<td>0.549 [13.95]</td>
<td>0.449 [11.41]</td>
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