Series 35W000 RoHS/WEEE-Compliant
SOWIC-to-DIP 14- to 28-Pin Adapter

FEATURES
• Pb-Free RoHS/WEEE-Compliant
• A cost-effective means of upgrading to SOIC without changing your PCB layout
• Available on 0.300 [7.62] centers. Consult Data Sheet 18011 for Adapters on 0.400 [10.16], or 0.600 [15.24] 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 finished with ENIG (Immersion Au over electroless Ni)
• PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
• PIN PLATING: 10µ [0.254µ] Au per MIL-G-45204 over 100µ [2.54µ] Ni per SAE AMS-QQ-N-290
• OPERATING TEMPERATURE: 221°F [105°C]

MOUNTING CONSIDERATIONS
• SUGGESTED PCB HOLE SIZE: 0.035 ±0.002 [0.89 ± 0.05] dia.

ORDERING INFORMATION
See Table below for P/Ns

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.

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]
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS
AVAILABLE IN PANELIZED FORM WITH OR WITHOUT CUSTOMER-SUPPLIED DEVICES MOUNTED. CONSULT FACTORY.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14-35W000-11-RC</td>
<td>14</td>
<td>SOIC</td>
<td>0.500 [12.70]</td>
<td>0.300 [7.62]</td>
<td>0.465 [11.81]</td>
<td>0.076 [1.93]</td>
<td>0.500 [12.70]</td>
<td>0.180 [4.57]</td>
</tr>
<tr>
<td>16-35W000-11-RC</td>
<td>16</td>
<td>SOIC</td>
<td>0.500 [12.70]</td>
<td>0.300 [7.62]</td>
<td>0.449 [11.40]</td>
<td>0.087 [2.20]</td>
<td>0.350 [8.89]</td>
<td>0.213 [5.42]</td>
</tr>
<tr>
<td>18-35W000-11-RC</td>
<td>18</td>
<td>SOIC</td>
<td>0.500 [12.70]</td>
<td>0.300 [7.62]</td>
<td>0.465 [11.81]</td>
<td>0.076 [1.93]</td>
<td>0.550 [13.97]</td>
<td>0.180 [4.57]</td>
</tr>
<tr>
<td>24-35W000-11-RC</td>
<td>24</td>
<td>SOIC</td>
<td>0.500 [12.70]</td>
<td>0.300 [7.62]</td>
<td>0.465 [11.81]</td>
<td>0.076 [1.93]</td>
<td>0.550 [13.97]</td>
<td>0.180 [4.57]</td>
</tr>
</tbody>
</table>