**ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS**

- EN60950 Basic Insulation compliant 250Vrms
- SMD compact footprint design
- Industrial operating temp: -40ºC to +85ºC

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio (10KHz,0.1V)</th>
<th>OCL (10KHz,0.1V with 0.03A DC)</th>
<th>LL (100KHz,0.1V)</th>
<th>Cww (100KHz,0.1V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP041SI</td>
<td>1:4-8-5 (short 2-3,6-7)</td>
<td>1-4 (short 2-3)</td>
<td>1-4 (short 2-3, 5-6-7-8)</td>
<td>1-8 (short 2-3,6-7)</td>
</tr>
<tr>
<td></td>
<td>1:0.769±2%</td>
<td>1:0.385±2%</td>
<td>1.444mH±10%</td>
<td>10uH max</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>70pF max</td>
</tr>
</tbody>
</table>

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**MECHANICAL**

**SUGGESTED PAD LAYOUT**

Units:mm

Unless otherwise specified all tolerances are: ±0.25 in mm

**SCHEMATICS**

LINE

1  3  2  4

CHIP

6  7  5

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RoHS

[Image of RoHS logo]