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)</th>
<th>LL (100KHz,0.1V)</th>
<th>Cww (100KHz,0.1V)</th>
<th>DCR</th>
<th>Hi-Pot VAC (1mA/2S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP090SI</td>
<td>1-5:6-9( Short 2-4)</td>
<td>1-5(Short 2-4)</td>
<td>1-5( Short 2-4,6-7-9)</td>
<td>1-6( Short 2-4)</td>
<td>1-5(Short 2-4)</td>
<td>6-9</td>
</tr>
<tr>
<td></td>
<td>1.60:1 ±2%</td>
<td>14.5mH ±10%</td>
<td>90μH max</td>
<td>100pF max</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

**SUGGESTED PAD LAYOUT**

Units: mm

Unless otherwise specified all tolerances are: ±0.25 in mm

### SCHEMATICS

PRI

SEC

1 6
4 7
2 9
5