ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

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

### 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>THD</th>
<th>LB</th>
<th>Hi-Pot VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP117SI</td>
<td>1-4:8-6 (short 2-3, 5-7)</td>
<td>1-4 (short 2-3)</td>
<td>1-8 (short 2-3, 5-7)</td>
<td>1-4 (short 2-3)</td>
<td>8-6 (short 5-7)</td>
<td>25KHz, 5Vrms</td>
<td>30KHz–650KHz</td>
<td>(1mA/60S)</td>
</tr>
<tr>
<td></td>
<td>0.448:1 ± 2%</td>
<td>750μH ± 7%</td>
<td>10.5μH max</td>
<td>15pF max</td>
<td>1.8Ω max</td>
<td>5.0Ω max</td>
<td>-82dB max</td>
<td>45dB min</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

![Schematic Diagram]