ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

- EP13 Design
- EN60950 Supplementary Insulation Compliant -250Vrms
- Surface Mount Device Providing Compact Footprint
- Operating Temperature Range: -40°C to +85°C

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turn Ratio (10KHz,0.1V)</th>
<th>OCL (10KHz,0.1V)</th>
<th>LL (100KHz,0.1V)</th>
<th>DCR</th>
<th>THD (100KHz,3V)</th>
<th>LB (25KHz-1.1MHz)</th>
<th>IL (172KHz)</th>
<th>Hi-Pot</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP804SI</td>
<td>1:5 (short 2-4,3-7)</td>
<td>1:5 (short 2-4)</td>
<td>1:5 (short 2-4,6-7-8-10)</td>
<td>1-4</td>
<td>2-6</td>
<td>10-7</td>
<td>8-6</td>
<td>-40dB max</td>
</tr>
<tr>
<td></td>
<td>±1±2%</td>
<td>430uH±10%</td>
<td>10uH max</td>
<td>0.46Ω max</td>
<td>0.45Ω max</td>
<td>0.35Ω max</td>
<td>0.35Ω max</td>
<td>40dB mln</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

- Operating Temperature Range: -40°C to +85°C

### SCHEMATICS

- 1  2  3  4  5  6  7  8  9  10
- Line
- Chip

Unless otherwise specified all tolerances are: ±0.25 in mm