**VDSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS**

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

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio (30KHz,1V)</th>
<th>OCL (10KHz,0.1V)</th>
<th>LL (100KHz,0.1V)</th>
<th>DCR</th>
<th>THD</th>
<th>Hi-Pot VAC (1mA/60s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP021Si</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>1.10 ± 15%</td>
<td>50KHz,5Vrms</td>
<td>20kKHz~1.1MHz</td>
</tr>
<tr>
<td></td>
<td>1:0.75 ± 2%</td>
<td>470μH ± 10%</td>
<td>1.0μH max</td>
<td>1.450 ± 20%</td>
<td>-65dB max</td>
<td>45dB min</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

![Mechanical Diagram](image)

Units: mm

Unless otherwise specified all tolerances are: ±0.25 in mm

### SCHEMATICS

```
1 2 3 4

8 6 7 5

LINE

CHIP
```

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RoHS

714-665-1140

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