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 (20kHz, 1V)</th>
<th>OCL (10kHz, 0.1V)</th>
<th>LL (100kHz, 0.1V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP051SI</td>
<td>1-4:10-7(short 2-3,8-9)</td>
<td>1-4(short 2-3)</td>
<td>1-4(short 2-3,7-8-9-10)</td>
</tr>
<tr>
<td></td>
<td>2.1±2%</td>
<td>100uH±5%</td>
<td>6.5uH max</td>
</tr>
</tbody>
</table>

### MECHANICAL

- **ALLIED AEP051SI YYWW**
- **SUGGESTED PAD LAYOUT**

Unless otherwise specified all tolerances are: ±0.25 in mm

### SCHEMATICS

```
1   10
P8   8
2   9
4   7
3   2
1   10
```