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

### Mechanical Specifications

**Suggested Pad Layout:**
- Dimensions: 13.97 max x 19.0 max mm
- Tolerances: ±0.25 mm

**Schematics:**
- PRI: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 14, 16
- SEC: 1, 2, 3, 4, 5, 6, 7, 8

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>AEP099SI</td>
<td>16-9:1-4 (short 11-14,2-3)</td>
<td>16-9:5-8 (short 11-14,6-7)</td>
<td>16-9 (short 11-14)</td>
<td>16-5 (short 11-14,6-7)</td>
</tr>
<tr>
<td></td>
<td>1:1 ± 2%</td>
<td>3.8:1 ± 2%</td>
<td>200uH ± 10%</td>
<td>20uH max</td>
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<td></td>
<td></td>
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<td>28uH</td>
<td>50pF max</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>20uH max</td>
<td>80pF max</td>
</tr>
</tbody>
</table>

### Additional Specifications
- **DCR**
  - 16-11: 2.00 ± 10%
  - 14-9: 3.90 ± 10%
  - 1-3: 3.90 ± 10%
  - 2-4: 0.19 ± 10%
  - 5-8: 0.19 ± 10%
- **THD**
  - 100KHz: 90dB max
- **LB**
  - 20KHz: 40dB min
  - 1.1MHz: 1.2dB max
- **Hi-Pot VAC**
  - 1mA/1s: 1875 VAC

All specifications subject to change without notice.