Typical applications: telephone sets, PBXs, DLC systems, central office switches
Optimized insertion loss and return loss for audio frequency range, including voiceband
Designed for 600 Ω line impedance
Small SMT Footprint
Operating Temperature: 0°C to 70°C

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio Pri-Sec (±2%)</th>
<th>DCR Pri Side (Ω Max)</th>
<th>DCR Sec Side (Ω Max)</th>
<th>Isolation Voltage (Vrms Min)</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>200Hz 1KHz 20KHz 100KHz</td>
<td>200Hz 1KHz 10KHz</td>
</tr>
<tr>
<td>AEP-158S</td>
<td>1:1</td>
<td>55</td>
<td>70</td>
<td>1500</td>
<td>1.0 1.0 1.0 1.9</td>
<td>20 30 25</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

**Primary & Secondary**

**Units:** mm

### SCHEMATICs

Primary: 2, 4
Secondary: 7, 9