TRANSFORMERS FOR ECHELON® NEURON® ICs
For Use with 3120™ and 3150™ Chips
Produced by Motorola and Toshiba

For 1.25Mbps twisted pair applications
Provides 1500Vrms isolation for 1 minute
-40°C to +80°C operating temperature range

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

<table>
<thead>
<tr>
<th>Standard Part Number</th>
<th>RoHS-6 Compliant Part No.</th>
<th>Turns Ratio (±2%)</th>
<th>Primary Inductance (µH MAX)</th>
<th>DCR Primary (Ω MAX)</th>
<th>DCR Secondary (Ω MAX)</th>
<th>Primary Pins (Network Side)</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE-65848</td>
<td>PE-65848NL</td>
<td>1CS:1CS</td>
<td>3.5 - 6.5</td>
<td>1.0</td>
<td>1.0</td>
<td>8 - 5</td>
<td>SMT</td>
</tr>
<tr>
<td>PE-65948</td>
<td>PE-65948NL</td>
<td>1CT:1CT</td>
<td>3.5 - 6.5</td>
<td>1.0</td>
<td>1.0</td>
<td>2 - 6</td>
<td>THT</td>
</tr>
</tbody>
</table>

NOTE: CS = Center Split, CT = Center Tap

For More Information:

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