SMD Toroidal Transformer

- 4 Pin SMD Toroidal Transformer
- Low Profile
- For Modem and Telecom applications
- Other configurations available
- Designed to meet EN60950 Supplementary insulation requirements for working voltages up to 250Vrms
- Operating Temperature range: 0°C to +70°C
- Maximum reflow temperature: 250°C/-5°C for 20-40 seconds (Refer to IPC/JEDEC J-STD-02C Standard)

**Electrical Specifications @25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turn Ratio @10KHz , 0.1V (4-3)/(1-2)</th>
<th>Inductance LP @10KHz , 0.1V (1-2)</th>
<th>DCR @10KHz , 0.1V (1-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMT-3745</td>
<td>1.67±2%</td>
<td>30uH min</td>
<td>0.35 Ω max</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Part Number</th>
<th>DCR @10KHz , 0.1V (4-3)</th>
<th>HI-PO T1sec/1mA (1-4), (1+2, 4+3 short)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMT-3745</td>
<td>0.35 Ω max</td>
<td>3750Vac</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**

**Dimension**

**Marking**

| SMT-3745 | YYWW |

Remark:
XXXXXXX=PART NUMBER (7 characters max.)
YYWW=DATE CODE, YY=YEAR, WW=WEEK

Unit :mm/0.25

**SCHEMATICS**

1 0 4
2 0 3