Isolation Power Transformer

EPA4452G-LF

- Design for use with MAXIM MAX253 IC.
- Push-Pull Converter Transformer
- Operating Temperature: -40°C to +125°C
- 2500 Vrms Isolation (380Vrms continuous)
- RoHS Compliant

Electrical Specification @ 25°C

<table>
<thead>
<tr>
<th>Inductance (µH ±35%)</th>
<th>Leakage Inductance (µH Max.)</th>
<th>Capacitance (pF Max.)</th>
<th>DCR (Ω Max.)</th>
<th>MAX (V-µsec Max.)</th>
<th>Turns Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1020</td>
<td>0.8</td>
<td>30</td>
<td>0.60</td>
<td>0.65</td>
<td>22</td>
</tr>
<tr>
<td>Pins 1-3</td>
<td>Pins 1-3 with 4-6 shorted</td>
<td>Pins 1,2,3 to 4,5,6</td>
<td>Pins 1-3</td>
<td>Pins 4-6</td>
<td>Pins 1-3</td>
</tr>
</tbody>
</table>

Package

Schematic

Notes:
1. Lead Finish
   - Hot Tin Dip (Sn)
2. Peak Temperature Rating
   - 245°C
3. Moisture Sensitive Levels
   - MSL = 1
4. Weight
   - 0.365 grams
5. Packaging Information
   - (Tray) 55 pieces/tray
   - (Tape & Reel) 700 pieces/reel

Unless Otherwise Specified Dimensions are in Inches / mm ± .010 / .25