LTCC Pulse Transformer
95090

NASCENTechology has developed a pulse transformer for triggering or signaling applications using low temperature co-fired ceramic (LTCC) ferrite. The monolithic structure affords improved mechanical strength over traditional transformer technology.

### Electrical Parameters

<table>
<thead>
<tr>
<th></th>
<th>Primary</th>
<th>Inductance</th>
<th>Leakage</th>
<th>Inductance</th>
<th>Primary</th>
<th>Resistance</th>
<th>Secondary</th>
<th>Resistance</th>
<th>Dielectric Rating</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>100 kHz</td>
<td>500 mV</td>
<td>500 kHz</td>
<td>500 mV</td>
<td>4.85 ohms</td>
<td>+/- 20%</td>
<td>3.20 ohms</td>
<td>+/- 20%</td>
<td>60 Hz, 1s</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1500 V</td>
</tr>
<tr>
<td>Turns ratio</td>
<td>1:1</td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>V-us Rating</td>
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</tbody>
</table>

Features

- Low profile
- Rugged package
- Self shielding
- Pick and place
- 1500VAC Isolation
- Operating Frequency: 50 kHz and up
- Operating Temperature: -40 to +85 C
- Customization available

For additional information, contact:
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