SMD toroid chokes for lan and telecom applications
- High impedance to minimize common mode noise
- Excellent EMI performance
- Operating temperature range -40°C to 130°C

### SMD TOROIDAL CHOKES

**SMTC3726**

- **SMD toroid chokes for lan and telecom applications**
- **High impedance to minimize common mode noise**
- **Excellent EMI performance**
- **Operating temperature range -40°C to 130°C**

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>L(1-Z) @ 0Vdc</th>
<th>L(1-Z) @ Irated</th>
<th>Irated</th>
<th>DCR mΩ max</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMTC3726-3R8M-RC</td>
<td>3.8uh ± 20%</td>
<td>2.5uh ± 20%</td>
<td>8.00</td>
<td>8.3</td>
</tr>
<tr>
<td>SMTC3726-7R5M-RC</td>
<td>7.5uh ± 20%</td>
<td>5.1uh ± 20%</td>
<td>5.40</td>
<td>17.7</td>
</tr>
<tr>
<td>SMTC3726-21R9M-RC</td>
<td>21.9uh ± 20%</td>
<td>16.2uh ± 20%</td>
<td>2.70</td>
<td>72.0</td>
</tr>
<tr>
<td>SMTC3726-730M-RC</td>
<td>73uh ± 20%</td>
<td>58.1uh ± 20%</td>
<td>1.30</td>
<td>290</td>
</tr>
<tr>
<td>SMTC3726-291M-RC</td>
<td>292uh ± 20%</td>
<td>192uh ± 20%</td>
<td>0.90</td>
<td>560</td>
</tr>
<tr>
<td>SMTC3726-671M-RC</td>
<td>672uh ± 20%</td>
<td>383uh ± 20%</td>
<td>0.72</td>
<td>862</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

- **SUGGESTED PAD LAYOUT**
- **2 SURFACES**

Unless otherwise specified all tolerances are: ±0.25 in mm

### SCHEMATICS

- **1**
- **2**