Common Mode Choke  

**Order Code**  
TCK-162

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inductance (each winding)</td>
<td>55.6 µH ±25% (at 100 kHz / 1 V)</td>
</tr>
<tr>
<td>Impedance (DCR)</td>
<td>30 mΩ max.</td>
</tr>
<tr>
<td>Rated Current</td>
<td>1 A max.</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>500 VDC max. (between windings)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +125°C</td>
</tr>
<tr>
<td>RoHS Exemptions</td>
<td>No Exemptions</td>
</tr>
</tbody>
</table>

**Impedance Curve**

**Outline Dimensions**

<table>
<thead>
<tr>
<th>Dimensions [mm]</th>
<th>A</th>
<th>6.5 ±0.5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>B</td>
<td>6.0 ±0.4</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>4.5 max.</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>4.3</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>7.7</td>
</tr>
<tr>
<td></td>
<td>F</td>
<td>0.91</td>
</tr>
<tr>
<td></td>
<td>G</td>
<td>3.0</td>
</tr>
</tbody>
</table>

All specifications valid at +25°C, unless otherwise stated.