Common Mode Choke – G6252-AL

- Low cost, high performance choke coil
- Designed to reduce AC line conducted common mode noise produced by switching power supplies.
- UL1446 Class B (130°C) Insulation System (UL File E83628)

<table>
<thead>
<tr>
<th>Part number</th>
<th>Common mode impedance max (kOhms)</th>
<th>Inductance(^1) min (mH)</th>
<th>Current rating(^2) (mA)</th>
<th>DCR max(^3) (Ohms)</th>
<th>Isolation(^4) (Vrms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G6252-AL</td>
<td>700.8 @ 0.21 MHz</td>
<td>10.5</td>
<td>300</td>
<td>2.1</td>
<td>2500</td>
</tr>
</tbody>
</table>

1. Inductance is per winding; measured at 1.0 Vrms, 15.75 kHz.
2. Based on 300 circular mils/Amp. Temperature rise is less than 10°C.
3. DCR is maximum per winding.
4. Isolation (hipot) measured for one minute.
5. Operating temperature range –40°C to +85°C.
6. Electrical specifications at 25°C.

**Typical Application**

**Typical Impedance vs Frequency**

**Typical Attenuation** (Ref: 50 Ohms)

**Recommend Board Layout**