### MECHANICAL DIMENSIONS

![Multilayer Common Mode Choke Coils](MCM08062G.png)

#### ELECTRICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Impedance @100MHz (Ω)</th>
<th>Rated Current (mA) Max.</th>
<th>DCR (Ω) Max.</th>
<th>Rated Voltage (Vdc) Max.</th>
<th>Insulation Resistance (MΩ) Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCM08062G-120-LRH</td>
<td>12 ± 0.5 Ω</td>
<td>130</td>
<td>2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCM08062G-470-LRH</td>
<td>47 ± 0%</td>
<td>100</td>
<td>5.0</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>MCM08062G-900-LRH</td>
<td>90 ± 0%</td>
<td>100</td>
<td>6.5</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

- Tolerance: M=±20%
- Small size, low profile.
- Various common mode impedance from 12Ω to 90Ω.
- Operating Temp.: -40°C to +85°C
- Storage temperature: -40°C to +85°C
- Impedance measured using the HP4291B RF RF Impedance Analyzer.
- DCR measured using the 16502 milli-ohm meter.

#### APPLICATIONS

- Its Application is limited for the High speed differential transmission line like as followings.
- Suitable for differential signal line such as USB, LVDS, MIPI, MDDI, MHL, HDMI, DVI.

#### CHARACTERISTIC CURVE

**MCM08062G Series**

![Characteristic Curve](MCM08062G.png)