MM1210M SERIES ~
Multilayer Ferrite Chip Common Mode Chokes

PART NUMBERING SYSTEM

<table>
<thead>
<tr>
<th>MM</th>
<th>1210M</th>
<th>—</th>
<th>900</th>
<th>—</th>
<th>LF</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
<td>DIMENSIONS</td>
<td>IMPEDANCE</td>
<td>LEAD FREE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SHAPES AND DIMENSIONS

UNIT: mm

FEATURES
- The MM1210M series is effective for common mode noise suppression in digital equipment which causes Radiation from cables.
- Suitable for differential signal line like IEEE1394, USB2.0 and LDVs.
- Low profile and low leakage flux due to monolithic structure enables high-density mounting.
- The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

APPLICATION
- Prevention of common mode noise on signal line in personal computers, computer built in equipment, Facsimiles, digital telephones, etc.
## MM1210M SERIES ~

**Multilayer Ferrite Chip Common Mode Chokes**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>IMPEDANCE @100MHz (Ω)</th>
<th>DCR (Ω) (Max.)</th>
<th>Rated Current Max. (mA)</th>
<th>Rated Voltage (V)</th>
<th>Insulation Resistance (mΩ) (Min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM1210M-900-LF</td>
<td>90±25%</td>
<td>0.70</td>
<td>300</td>
<td>10</td>
<td>200</td>
</tr>
<tr>
<td>MM1210M-121-LF</td>
<td>120±25%</td>
<td>0.70</td>
<td>300</td>
<td>10</td>
<td>200</td>
</tr>
</tbody>
</table>

- Operating temperature range -40°C to +85°C
- Electrical specifications at 25°C.
- Packing: 7” reel, machine-ready, embossed plastic tape (4,000 parts per full reel).

**IMPEDANCE ANALYZER (IMPEDANCE VS FREQUENCY)**

![Impedance vs Frequency Graph]