SMM1205B SERIES ~

SMT Common Mode Chokes

PART NUMBERING SYSTEM

<table>
<thead>
<tr>
<th>SMM</th>
<th>1205B</th>
<th>—</th>
<th>112</th>
<th>LF</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
<td>DIMENSIONS</td>
<td>IMPEDANCE</td>
<td>LEAD FREE</td>
<td></td>
</tr>
</tbody>
</table>

SHAPES AND DIMENSIONS

UNIT: mm

A= 12.7 Max. B= 15.0 Max. C= 8.38 Max. D= 6.00 Max.

PCB LAYOUT

SCHEMATIC DRAWING

G= 10.41  H= 8.40  I= 4.45  J= 1.52 Ref.
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SMT Common Mode Chokes

FEATURES
1. Exceptionally low DC resistance thanks to the use of heavier gauge wire
2. Solutions based on impedance, size and current
3. Designed for DC-DC Converters
4. Wide Variety of inductor sizes and current ratings available
5. Dielectric strength: 1000Vrms.
6. RoHS-compliant. 260°C compatible. Tin-silver over copper terminations

SPECIFICATION TABLE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>INDUCTANCE (mH)</th>
<th>Irated (A)</th>
<th>DCR (mΩ) (Max.)</th>
<th>Test Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMM1205B-881-LF</td>
<td>0.88±35%</td>
<td>0.90</td>
<td>110</td>
<td>100KHz / 0.1V</td>
</tr>
<tr>
<td>SMM1205B-112-LF</td>
<td>1.17±35%</td>
<td>0.50</td>
<td>200</td>
<td>100KHz / 0.1V</td>
</tr>
</tbody>
</table>

● Inductance is measured with a LCR meter 4284A or equivalent.
● Operating temperature range -40°C to +85°C.
● Electrical specifications at 25°C.
● Packing: 13” reel, machine-ready, embossed plastic tape (600 parts per full reel).