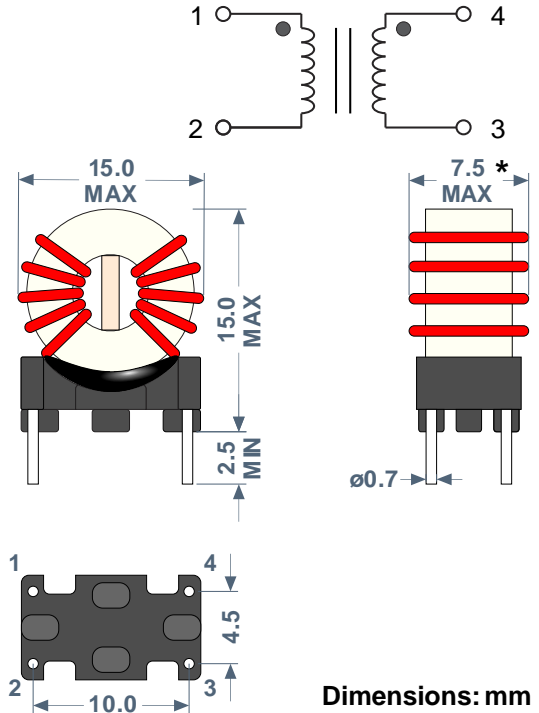


PM-OM7xx common mode chokes are typically used in EMI filters within switch mode power supplies to suppress noise to-and-from the power line or the input side. This series is optimal in projects that need a small solution for high current applications.

- ◆ Nanocrystalline core.
- ◆ Small size to fit in tight spaces.
- ◆ High impedance.
- ◆ High current capable.
- ◆ Low resistance for low temperature rise.



Dimensions: mm

| ELECTRICAL SPECIFICATIONS AT 25°C | | | | |
|-----------------------------------|------------|---------------------|--------------|-----------|
| PART NUMBER | L MIN (mH) | I _{dc} (A) | DCR MAX (mh) | SRF (MHz) |
| PM-OM701 | 7.7 | 1.0 | 340 | 3 |
| PM-OM702 | 5.6 | 1.2 | 240 | 4 |
| PM-OM703 | 3.5 | 1.6 | 140 | 6 |
| PM-OM704 | 1.1 | 2.4 | 60 | 10 |
| PM-OM705 | 0.7 | 3.1 | 40 | 20 |
| PM-OM706 | 0.35 | 4.7 | 20 | 40 |
| PM-OM707 | 0.28 | 6.2 | 13 | 45 |

NOTES:

- 1) I_{dc} is the current that typically leads to a temperature rise of 60°C.
 - 2) SRF is typical.
 - 3) Operating temperature range - 40°C to +155°C.
 - 4) HIPOT between windings 2,500V_{RMS}
- * PM-OM706 and PM-OM707 could reach a maximum width of 7.8mm.