

# Common Mode Inductors NANOCRYSTALLINE

**RoHS**

- Applications: input and output filters, power electronics, common mode noise suppression
- Good isolation through plastic case and winding spacer
- Very high permeability nano-core material
- Rated Voltage at 250Vac
- High rated currents
- Frequency range: 1kHz to 300MHz
- 2500Vrms Hipot between windings
- UL94V-0 flammability rating
- Industry Standard Package
- Custom Values Available

## ELECTRICAL SPECIFICATIONS AT 25°C - OPERATING TEMPERATURE RANGE -40°C TO +125°C

PART NUMBER	INDUCTANCE MINIMUM AT 10kHz (mH)	RATED CURRENT AT 60°C (A)	DCR MAXIMUM FOR EACH WDG. (mΩ)
PM-OM801	1.0	15.0	3.3
PM-OM802	2.0	10.0	6.0
PM-OM803	9.0	5.0	28.0
PM-OM804	17.0	4.0	50.0
PM-OM805	33.0	2.5	90.0

**NOTES:**

- 1) I<sub>dc</sub> is the current that typically lead to a temperature rise of 60°C.
- 2) Operating temperature range - 40°C to +125°C.
- 3) HIPOT between windings 2,500V<sub>RMS</sub>

### PACKAGE

Physical Dimensions in mm

### SCHEMATICS

