

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 AT 10kHz (mH)		RATED CURRENT AT 60°C (A)	DCR MAXIMUM FOR EACH WDG. (mΩ)	SRF TYPICAL (MHz)	PIN Ø (mm) TYP.
	TYPICAL	MINIMUM				
PM-OM801	1.0	0.5	16.0	3.3	13.0	1.19
PM-OM802	2.0	1.0	14.5	6.0	13.0	1.06
PM-OM803	9.0	4.5	7.7	28.0	1.15	0.76
PM-OM804	17.0	8.5	5.5	50.0	0.50	0.68
PM-OM805	33.0	16.5	3.8	90.0	0.35	0.54

NOTES:

- 1) I_{dc} 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_{RMS}

PACKAGE

Physical Dimensions in mm

SCHEMATICS

