

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-OM901	1.0	0.70	23.0	2.4	15.7	1.67
PM-OM902	1.5	1.05	21.0	3.2	12.7	1.49
PM-OM903	2.0	1.40	19.0	5.0	10.0	1.33
PM-OM904	4.0	2.80	13.2	8.5	5.7	1.19
PM-OM905	7.0	4.90	10.5	20.0	3.8	1.06

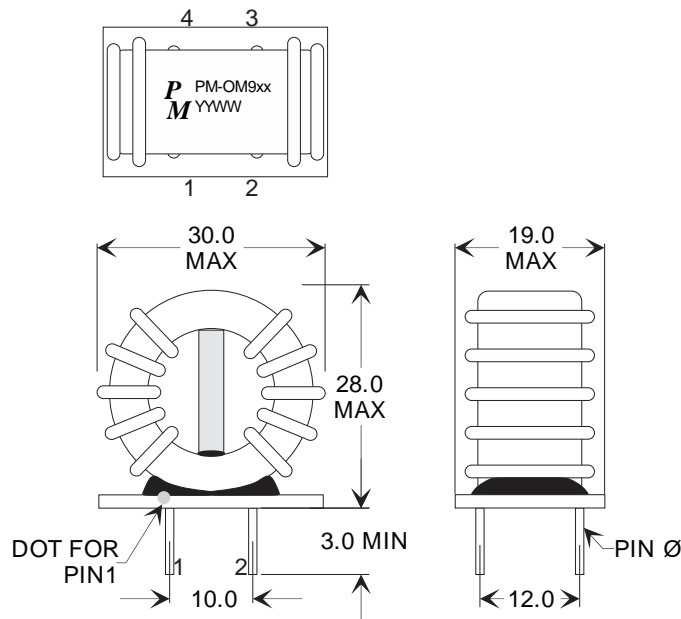
NOTES:

- 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



Specifications subject to change without notice.