

Surface Mount Power Inductors / SMI TYPE

FEATURES

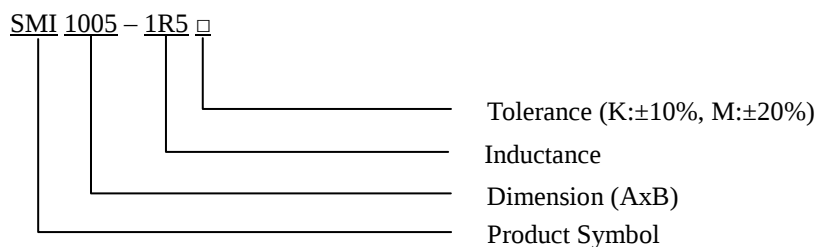
- ◆ 125°C maximum temperature operation
- ◆ Ferrite core material
- ◆ Metalized core mounting utilizes board space
- ◆ Frequency range up to 1MHz



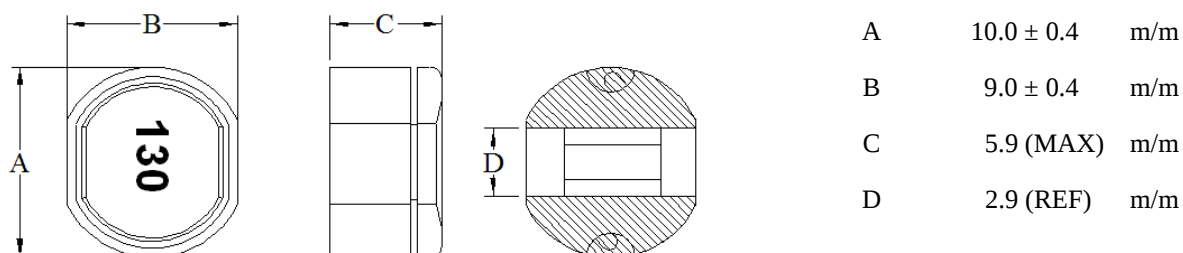
APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.

ORDERING CODE



DIMENSIONS (UNIT: mm)



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ELECTRICAL CHARACTERISTICS FOR SMI 1005

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SMI1005-4R7M	4.7	0.010	5.12
SMI1005-6R8M	6.8	0.015	4.33
SMI1005-100M	10.0	0.025	3.31
SMI1005-150M	15.0	0.037	2.68
SMI1005-220M	22.0	0.057	2.25
SMI1005-330M	33.0	0.066	1.94
SMI1005-470M	47.0	0.097	1.61
SMI1005-680M	68.0	0.150	1.31
SMI1005-101M	100.0	0.190	1.06
SMI1005-151M	150.0	0.280	0.89
SMI1005-221M	220.0	0.430	0.73
SMI1005-331M	330.0	0.670	0.59
SMI1005-471M	470.0	0.810	0.50
SMI1005-681M	680.0	1.230	0.42
SMI1005-102M	1000.0	1.890	0.34

* 100uH 以上 Test Frequency : 1KHZ/0.25V

* 100uH 以下 Test Frequency : 2.52MHZ/0.25V