

Shielded, SMT Power Inductors

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

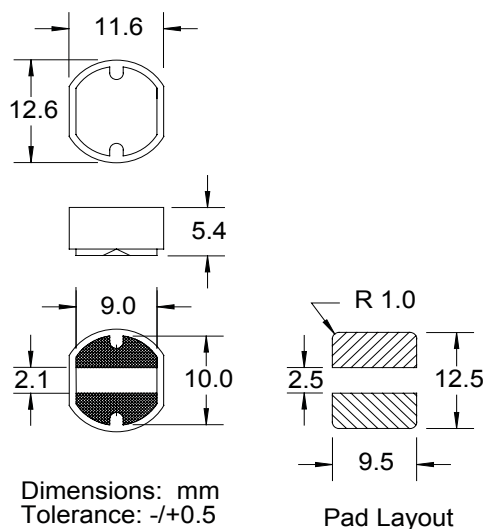
Notes

- * Current to cause max. 25 % of inductance drop, or 40 °C temperature rise

PM125S Series					
Part Number	L (μH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)
PM125S-100M-RC	10	2.52 MHz	24	0.05	2.65
PM125S-120M-RC	12	2.52 MHz	21	0.05	2.50
PM125S-150M-RC	15	2.52 MHz	19	0.06	2.45
PM125S-180M-RC	18	2.52 MHz	16	0.06	2.40
-15 %, +20 %					
PM125S-220M-RC	22	2.52 MHz	15	0.07	2.20
PM125S-270M-RC	27	2.52 MHz	14	0.08	2.00
PM125S-330M-RC	33	2.52 MHz	13	0.10	1.80
PM125S-390M-RC	39	2.52 MHz	12	0.11	1.65
PM125S-470M-RC	47	2.52 MHz	10	0.12	1.50
PM125S-560M-RC	56	2.52 MHz	9	0.15	1.38
PM125S-680M-RC	68	2.52 MHz	9	0.17	1.26
PM125S-820M-RC	82	2.52 MHz	8	0.20	1.14
PM125S-101M-RC	100	1 KHz	7	0.25	1.05
PM125S-121M-RC	120	1 KHz	6	0.28	0.95
PM125S-151M-RC	150	1 KHz	6	0.40	0.85
PM125S-181M-RC	180	1 KHz	5	0.48	0.77
PM125S-221M-RC	220	1 KHz	5	0.52	0.70
PM125S-271M-RC	270	1 KHz	4	0.70	0.63
PM125S-331M-RC	330	1 KHz	4	0.80	0.57
PM125S-391M-RC	390	1 KHz	4	1.08	0.52
PM125S-471M-RC	470	1 KHz	3	1.20	0.48
PM125S-561M-RC	560	1 KHz	3	1.34	0.44
PM125S-681M-RC	680	1 KHz	3	1.78	0.40
PM125S-821M-RC	820	1 KHz	2	2.00	0.36

Available only as RoHS compliant beginning July 2007.

When ordering non-RoHS compliant versions before July 2007, do not include the -RC suffix in the part number.



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