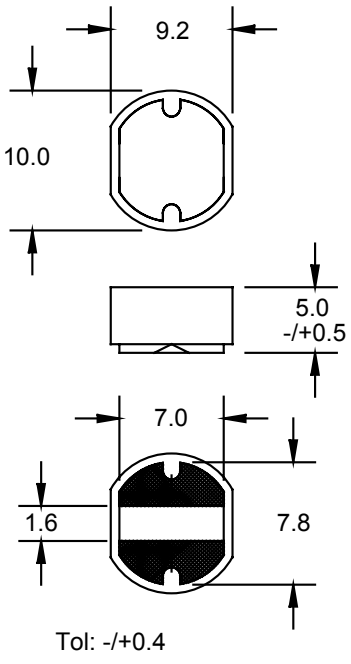
Shielded, SMT Power Inductors

PM105S Series

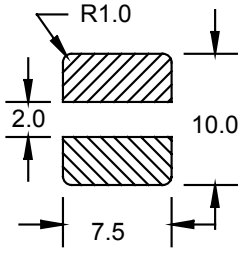
Part Number	L (µH) ± 20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC (A)
PM105S-100M	10	2.52 MHz	31	0.06	2.52
PM105S-120M	12	2.52 MHz	27	0.06	2.31
PM105S-150M	15	2.52 MHz	27	0.07	2.06
PM105S-180M	18	2.52 MHz	26	0.08	1.89
PM105S-220M	22	2.52 MHz	21	0.09	1.71
PM105S-270M	27	2.52 MHz	18	0.11	1.54
PM105S-330M	33	2.52 MHz	16	0.12	1.39
PM105S-390M	39	2.52 MHz	15	0.16	1.28
PM105S-470M	47	2.52 MHz	14	0.18	1.17
PM105S-560M	56	2.52 MHz	12	0.19	1.07
PM105S-680M	68	2.52 MHz	11	0.22	0.97
PM105S-820M	82	2.52 MHz	10	0.28	0.88
PM105S-101M	100	1 KHz	7	0.35	0.80
PM105S-121M	120	1 KHz	7	0.38	0.73
PM105S-151M	150	1 KHz	6	0.45	0.65
PM105S-181M	180	1 KHz	5	0.62	0.60
PM105S-221M	220	1 KHz	5	0.69	0.54
PM105S-271M	270	1 KHz	5	0.78	0.49
PM105S-331M	330	1 KHz	4	1.03	0.44
PM105S-391M	390	1 KHz	4	1.18	0.41
PM105S-471M	470	1 KHz	4	1.60	0.37

Special Features:

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100°C
- Current to cause maximum 10% of inductance dropped, or 40°C temperature rise
- Tape & reel packaged 500/reel



Dim: mm



Pad Layout

The PM105S Series is Not Recommended for New Designs, it is Superceded by the PM105SB Series

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