

SMT Power Inductors

Special Features

- Low DCR
- Ferrite toroid core for low radiation
- Low loss
- High operating frequency
- Ultra-low profile and compact size
- Test frequency 100KHz
- Operating temperature: -40 to +125°C
- IC style tube packaged 66/tube

Typical Applications

- Small cellular phones
- PDA
- Pagers
- Hand-held organizers
- GPS
- High frequency wireless communication devices
- Laptop computers
- Network cards
- Cable modem
- Entertainment electronic devices

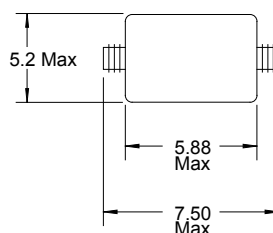
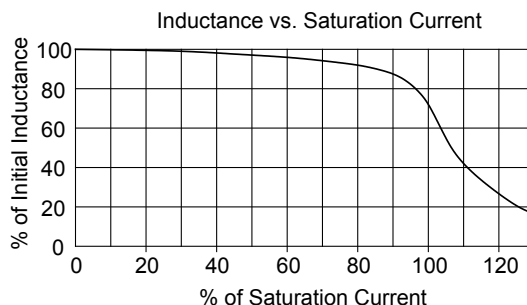
Notes

* Saturation current to cause approx. 30% inductance drop

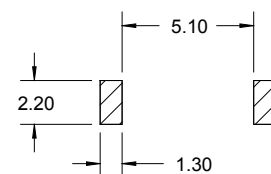
** Rms current to cause approx. 40°C temperature rise

PM7518 Series				
Part Number	L (μH) ±20%	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)
PM7518-1R0M	1.0	0.103	2.1	1.67
PM7518-2R2M	2.2	0.130	1.4	1.39
PM7518-4R7M	4.7	0.180	1.0	1.18
PM7518-100M	10	0.240	0.68	0.98
PM7518-150M	15	0.300	0.54	0.88
PM7518-220M	22	0.360	0.45	0.80
PM7518-330M	33	0.556	0.37	0.64
PM7518-470M	47	0.833	0.31	0.52

Also available as RoHS compliant.



Dimensions: mm



Pad Layout

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MAGNETICS

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