SMT Power Inductors

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for excellent PCB bonding
- Operating temperature -30 to +100°C
- Tape & reel packaged 800/reel

Typical Applications

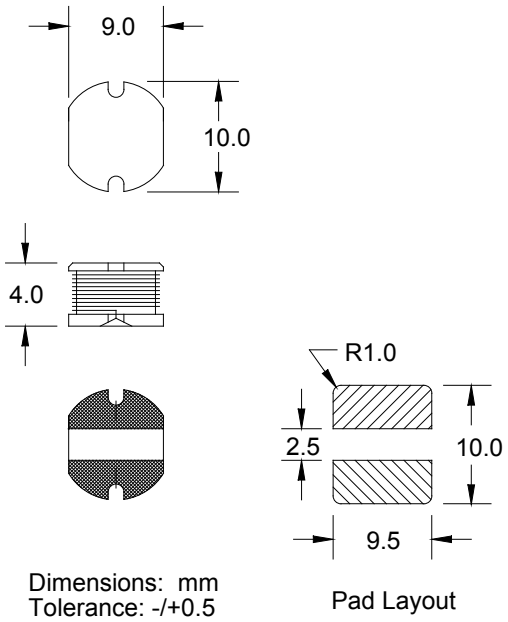
- Notebook computers
- Battery chargers
- DC-DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronics devices

Notes

* Current to cause maximum 10% of inductance drop, or 40°C temperature rise

PM104 Series				
Part Number	L (µH) ±20%	Test Freq.	DCR (Ω) Max.	I, DC* (A)
PM104-100M	10	2.52MHz	0.053	2.38
PM104-120M	12	2.52MHz	0.061	2.13
PM104-150M	15	2.52MHz	0.070	1.87
PM104-180M	18	2.52MHz	0.081	1.73
PM104-220M	22	2.52MHz	0.088	1.60
PM104-270M	27	2.52MHz	0.100	1.44
PM104-330M	33	2.52MHz	0.120	1.26
PM104-390M	39	2.52MHz	0.151	1.20
	±10%			
PM104-470K	47	2.52MHz	0.170	1.10
PM104-560K	56	2.52MHz	0.199	1.01
PM104-680K	68	2.52MHz	0.223	0.91
PM104-820K	82	2.52MHz	0.252	0.85
PM104-101K	100	1KHz	0.344	0.74
PM104-121K	120	1KHz	0.396	0.69
PM104-151K	150	1KHz	0.544	0.61
PM104-181K	180	1KHz	0.621	0.56
PM104-221K	220	1KHz	0.721	0.53
PM104-271K	270	1KHz	0.949	0.45
PM104-331K	330	1KHz	1.100	0.42
PM104-391K	390	1KHz	1.245	0.38
PM104-471K	470	1KHz	1.526	0.35
PM104-561K	560	1KHz	1.904	0.32

Also available as RoHS compliant.



Dimensions: mm
Tolerance: -/+0.5

Pad Layout

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