

# 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 good PCB bonding
- Operating temperature -30 to +100°C
- Tape & reel packaged 1500/reel

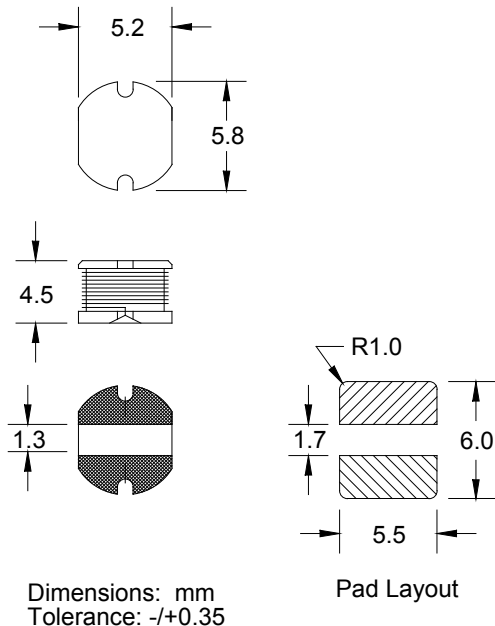
## Notes

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

\*\* Crosses to the following Bourns Series  
@ [www.Bourns.com](http://www.Bourns.com)  
PM54 link to Bourns [SDR0604](#)

PM54 Series					
Part Number	L (μH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)
PM54-100M	10	2.52 MHz	30	0.10	1.44
PM54-120M	12	2.52 MHz	27	0.12	1.40
PM54-150M	15	2.52 MHz	25	0.14	1.30
PM54-180M	18	2.52 MHz	23	0.15	1.23
PM54-220M	22	2.52 MHz	19	0.18	1.11
PM54-270M	27	2.52 MHz	17	0.20	0.97
±15%					
PM54-330L	33	2.52 MHz	16	0.23	0.88
PM54-390L	39	2.52 MHz	15	0.32	0.80
PM54-470L	47	2.52 MHz	13	0.37	0.72
±10%					
PM54-560K	56	2.52 MHz	12	0.42	0.68
PM54-680K	68	2.52 MHz	11	0.46	0.61
PM54-820K	82	2.52 MHz	10	0.60	0.58
PM54-101K	100	1 KHz	9	0.70	0.52
PM54-121K	120	1 KHz	8	0.93	0.48
PM54-151K	150	1 KHz	8	1.10	0.40
PM54-181K	180	1 KHz	6	1.38	0.38
PM54-221K	220	1 KHz	5	1.57	0.35

Also available as RoHS compliant.



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