

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

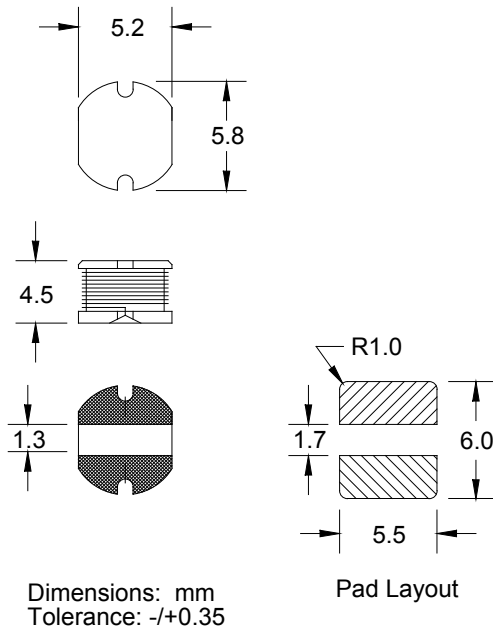
Notes

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

** Crosses to the following Bourns Series
@ www.Bourns.com
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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MAGNETICS

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