

# 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 500/reel

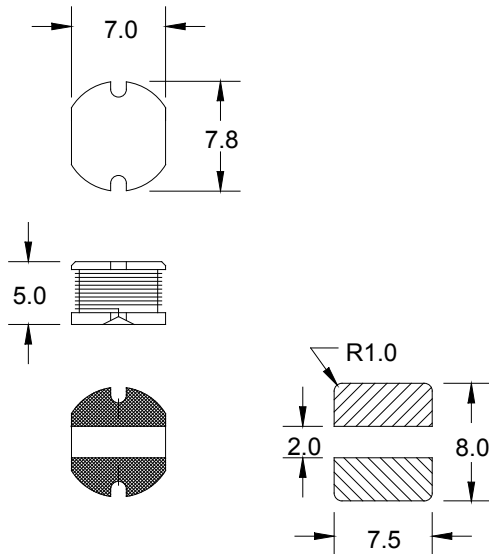
## Notes

\* 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)  
PM75 link to Bourns [SDR0805](#)

PM75 Series					
Part Number	L (μH) ±10%	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)
PM75-100K	10	2.52 MHz	28	0.07	2.30
PM75-120K	12	2.52 MHz	23	0.08	2.00
PM75-150K	15	2.52 MHz	22	0.09	1.80
PM75-180K	18	2.52 MHz	20	0.10	1.60
PM75-220K	22	2.52 MHz	17	0.11	1.50
PM75-270K	27	2.52 MHz	15	0.12	1.30
PM75-330K	33	2.52 MHz	15	0.13	1.20
PM75-390K	39	2.52 MHz	14	0.16	1.10
PM75-470K	47	2.52 MHz	13	0.18	1.10
PM75-560K	56	2.52 MHz	11	0.24	0.94
PM75-680K	68	2.52 MHz	11	0.28	0.85
PM75-820K	82	2.52 MHz	10	0.37	0.78
PM75-101K	100	1 KHz	9	0.43	0.72
PM75-121K	120	1 KHz	7	0.47	0.66
PM75-151K	150	1 KHz	6	0.64	0.58
PM75-181K	180	1 KHz	5	0.71	0.51
PM75-221K	220	1 KHz	5	0.96	0.49
PM75-271K	270	1 KHz	4	1.11	0.42
PM75-331K	330	1 KHz	4	1.26	0.40
PM75-391K	390	1 KHz	4	1.77	0.36
PM75-471K	470	1 KHz	3	1.96	0.34

Also available as RoHS compliant.



Dimensions: mm  
Tolerance: -/+0.5

Pad Layout

**J.W. Miller**  
MAGNETICS

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