

# SMT Power Inductors



Model PM75 Series is currently available, although not recommended for new designs. **Model SDR0805** is preferred.

### Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

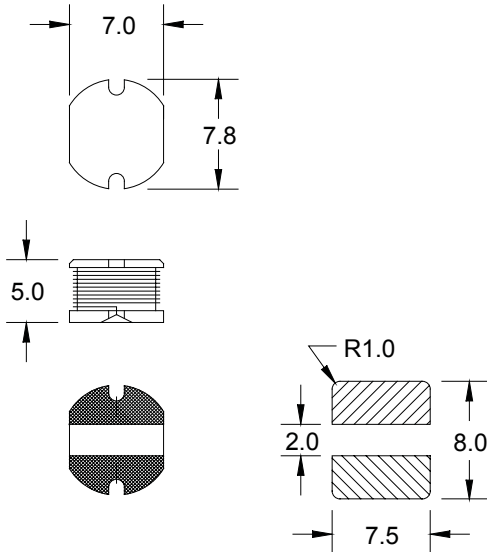
### Notes

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

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

PM75 Series						
Part Number	L (μH) ±10 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)	Bourns Equivalent
PM75-100K-RC	10	2.52 MHz	28	0.07	2.30	
PM75-120K-RC	12	2.52 MHz	23	0.08	2.00	
PM75-150K-RC	15	2.52 MHz	22	0.09	1.80	
PM75-180K-RC	18	2.52 MHz	20	0.10	1.60	
PM75-220K-RC	22	2.52 MHz	17	0.11	1.50	
PM75-270K-RC	27	2.52 MHz	15	0.12	1.30	
PM75-330K-RC	33	2.52 MHz	15	0.13	1.20	
PM75-390K-RC	39	2.52 MHz	14	0.16	1.10	
PM75-470K-RC	47	2.52 MHz	13	0.18	1.10	
PM75-560K-RC	56	2.52 MHz	11	0.24	0.94	
PM75-680K-RC	68	2.52 MHz	11	0.28	0.85	SDR0805
PM75-820K-RC	82	2.52 MHz	10	0.37	0.78	
PM75-101K-RC	100	1 KHz	9	0.43	0.72	
PM75-121K-RC	120	1 KHz	7	0.47	0.66	
PM75-151K-RC	150	1 KHz	6	0.64	0.58	
PM75-181K-RC	180	1 KHz	5	0.71	0.51	
PM75-221K-RC	220	1 KHz	5	0.96	0.49	
PM75-271K-RC	270	1 KHz	4	1.11	0.42	
PM75-331K-RC	330	1 KHz	4	1.26	0.40	
PM75-391K-RC	390	1 KHz	4	1.77	0.36	
PM75-471K-RC	470	1 KHz	3	1.96	0.34	

“-RC” suffix indicates RoHS compliance.



Dimensions: mm  
Tolerance: +/-0.5

Pad Layout