

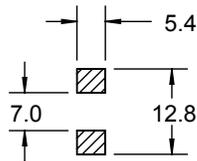
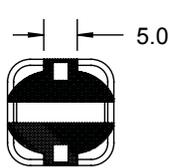
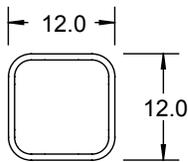
Shielded, SMT Power Inductors

Special Features

- High current capacity
- Magnetic shielded for low radiation
- 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. 25 % of inductance drop, or 40 °C temperature rise



Pad Layout

Dimensions: mm
Tolerance: -/+0.3

PM127SH Series						
Part Number	L (μH) +40/-20 %	Test Freq. (KHz)	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent	
PM127SH-1R2N-RC	1.2	100	0.007	9.8	SRR1208	
PM127SH-2R4N-RC	2.4	100	0.012	8.0		
PM127SH-3R5N-RC	3.5	100	0.014	7.5		
PM127SH-4R7N-RC	4.7	100	0.016	6.8		
PM127SH-6R1N-RC	6.1	100	0.018	6.6		
PM127SH-7R6N-RC	7.6	100	0.020	5.9		
±20 %						
PM127SH-100M-RC	10	1.0	0.022	5.40		
PM127SH-120M-RC	12	1.0	0.024	4.90		
PM127SH-150M-RC	15	1.0	0.027	4.50		
PM127SH-180M-RC	18	1.0	0.039	3.90		
PM127SH-220M-RC	22	1.0	0.043	3.60		
PM127SH-270M-RC	27	1.0	0.046	3.40		
PM127SH-330M-RC	33	1.0	0.065	3.00		
PM127SH-390M-RC	39	1.0	0.073	2.75		
PM127SH-470M-RC	47	1.0	0.10	2.50		
PM127SH-560M-RC	56	1.0	0.11	2.35		
PM127SH-680M-RC	68	1.0	0.14	2.10		
PM127SH-820M-RC	82	1.0	0.16	1.95		
PM127SH-101M-RC	100	1.0	0.22	1.70		
PM127SH-121M-RC	120	1.0	0.25	1.60		
PM127SH-151M-RC	150	1.0	0.28	1.42		
PM127SH-181M-RC	180	1.0	0.35	1.30		
PM127SH-221M-RC	220	1.0	0.39	1.16		
PM127SH-271M-RC	270	1.0	0.56	1.06		
PM127SH-331M-RC	330	1.0	0.64	0.95		
PM127SH-391M-RC	390	1.0	0.70	0.88		
PM127SH-471M-RC	470	1.0	0.98	0.79		
PM127SH-561M-RC	560	1.0	1.07	0.73		
PM127SH-681M-RC	680	1.0	1.46	0.67		
PM127SH-821M-RC	820	1.0	1.64	0.60		
PM127SH-102M-RC	1000	1.0	1.82	0.55		

Available only as RoHS compliant beginning July 2007.

When ordering non-RoHS compliant versions before July 2007, do not include the -RC suffix in the part number.

BOURNS®

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