

Shielded, SMT Power Inductors

Special Features

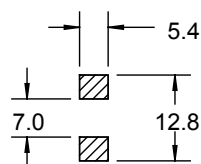
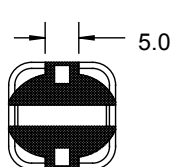
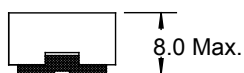
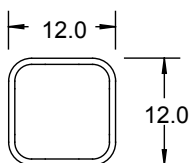
- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100°C
- Tape & reel packaged 500/reel

Notes

- * Current to cause maximum 25% of inductance drop, or 40°C temperature rise
- ** Crosses to the following Bourns Series
@ www.Bourns.com
PM127SH link to Bourns [SRR1208](http://www.bourns.com/SRR1208)

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

Also available as RoHS compliant.



Pad Layout

Dimensions: mm
Tolerance: -/+0.3