

# SHIELDED SMD POWER INDUCTOR



## PS125 SERIES

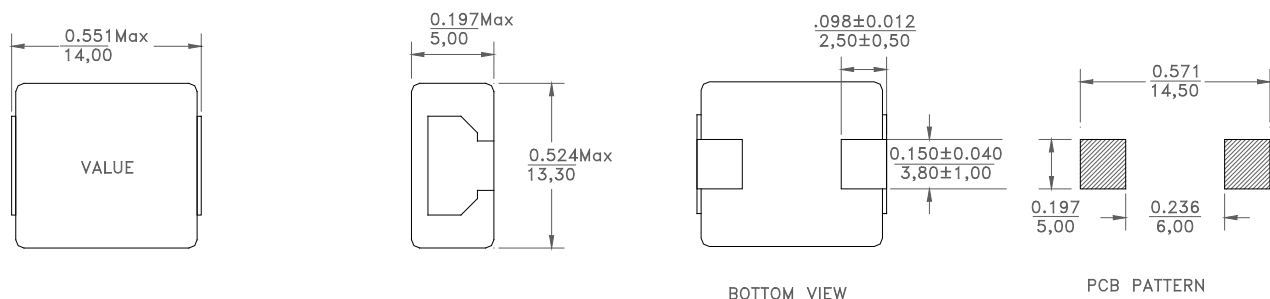


- High current inductor for Voltage Regulated Module (VRM)
- Good for DC/DC converter and switch-mode power supply applications
- High current in compact package
- Operating temperature: -55°C to +120°C
- RoHS Compliant Product

### ELECTRICAL PARAMETERS @ 25°C

PART NUMBER	L ±20% (μH)	I <sub>SAT</sub> (A) Max	I <sub>RMS</sub> (A) Temp. Rise 40°C Max.	DCR (mW) Max
PS125-				
R33M	0.33	80	42	1.1
R47M	0.47	65	38	1.3
R56M	0.56	55	36	1.5
R68M	0.68	54	34	1.7
R82M	0.82	53	31	2.3
1R0M	1.00	50	29	2.5
1R5M	1.50	48	23	4.1
1R8M	1.80	40	19	4.9
2R2M	2.20	32	17	5.5

### Mechanical



UNIT = inch/mm  
 Unless otherwise specified, all tolerances are:  
 inch: .XX : ± 0.015 .XXX : ±0.010  
 mm: X,X : ± 0,38 X,XX : ±0,25

Product performance is limited to specified parameter. Data is subject to change without prior notice.

PS125-SERIES  
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