

# SHIELDED SMD POWER INDUCTOR



## PS127 SERIES

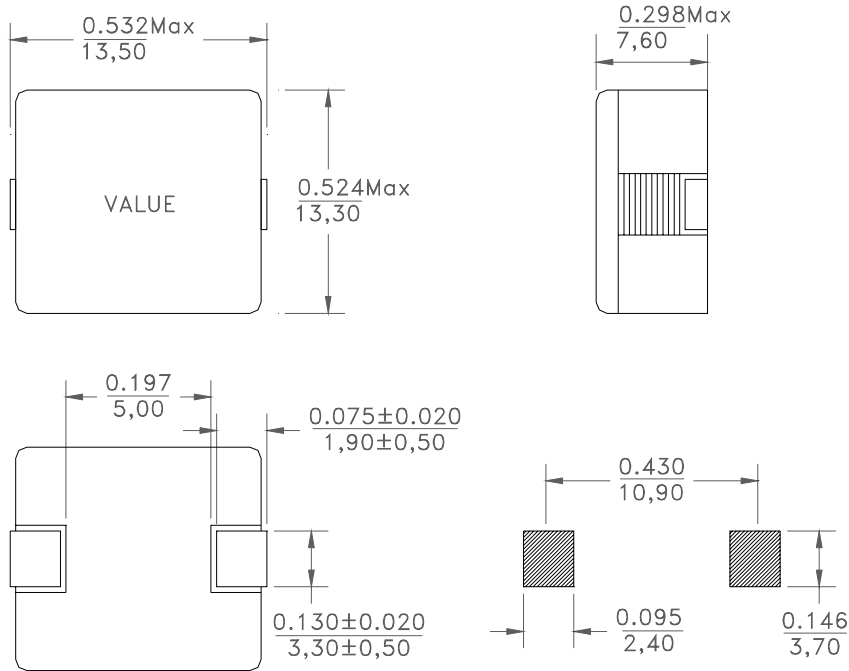


- High current inductor for Voltage Regulated Module (VRM)
- Good for DC/DC converter and switch-mode power supply applications
- High current in compact package
- Operating temperature: -55°C to +120°C
- RoHS Compliant Product

### 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 (mΩ) Max
PS127-				
R50M	0.50	45	40	1.0
1R0M	1.00	35	30	1.5
1R5M	1.50	28	23	2.5
1R8M	1.80	23	20	2.5

### Mechanical



BOTTOM VIEW

PCB PATTERN

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.

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