

# SHIELDED SMD POWER INDUCTOR



## PS104 SERIES

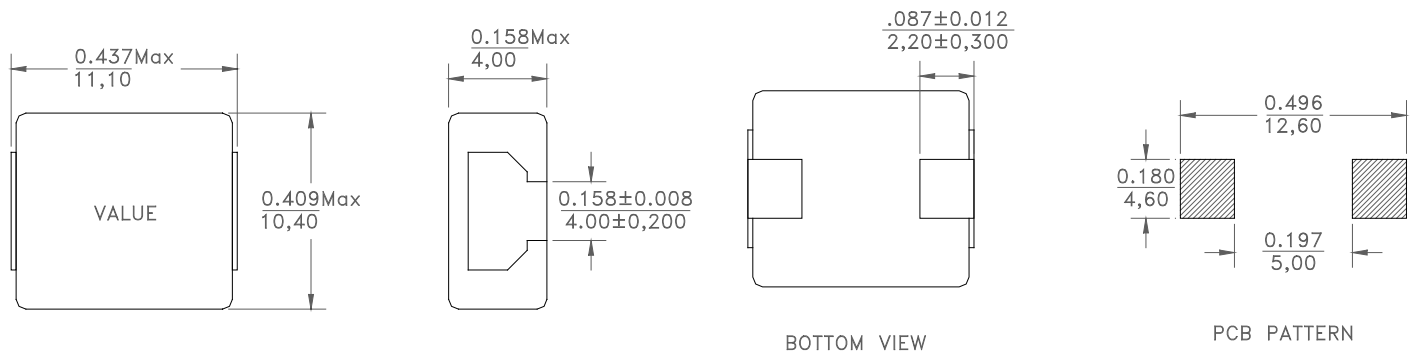


- High current inductor for Voltage Regulated Module (VRM)
- Good for DC/DC converter and switch-mode power supply applications
- High current in compact package
- Operating temperature: -55°C to +120°C
- RoHS Compliant Product

### ELECTRICAL PARAMETERS @ 25°C

PART NUMBER	Inductance (L) ±20% (μH)	I <sub>SAT</sub> (A) Max.	I <sub>RMS</sub> (A) Temp. Rise 40°C Max.	DCR (mW) Max.
PSE104-				
R36M	0.36	35	35	0.95
R47M	0.47	32	32	1.20
R56M	0.56	30	30	1.35
R78M	0.78	25	25	1.70
1R0M	1.00	21	21	2.50
1R8M	1.80	15	15	5.00
2R0M	2.00	14	14	5.80

### 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.

PS104-SERIES  
0852AL

13200 Estrella Ave., Bldg. B  
Gardena, CA 90248

Tel: (310) 325-1043  
Fax: (310) 325-1044

www.mpsind.com  
sales@mpsind.com