



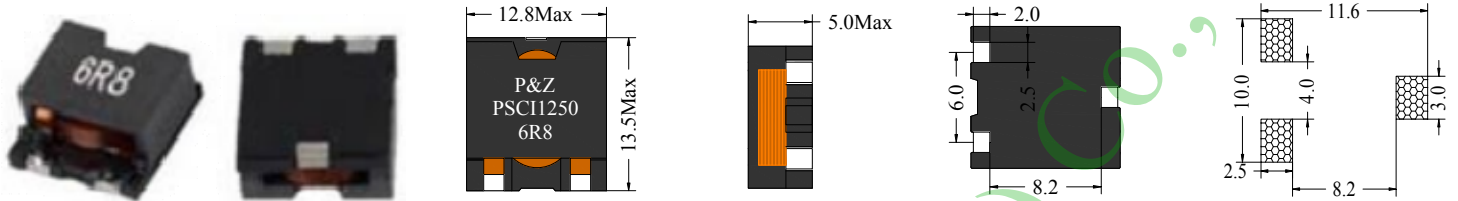
High Current Inductors PSCI1250 Series

Inductance Range: 0.3μH~4.8uH

Temperature Range: -40℃~+125℃

Dimensions: (mm)

Land Patterns(mm)



Feature:

1. Magnetically shield construction, anti-electromagnetic interference, ultra low buzz noise, high density installation.
2. Low magnetic loss, low DC resistance, highest curent in this package size.
3. Three terminals, stabal soldering, anti-oxidation, easy to solder.
4. Fast paint stripping craft, PIN finished smoothly, no distortion, easy to solder.

Application:

Widly used in industrial control PCs,,PDA, notebook, desktop, server, cell phone, automotive, DC/DC converter,LED lighting, communication equipment, medical equipment, nevigation.

Electrical Specifications:

Part No	Test frequency	Inductance L(uH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSCI1250-R30M	100KHZ/0.25V	0.3	1.5	19.5	35.0
PSCI1250-R60M	100KHZ/0.25V	0.6	2.2	17.0	29.6
PSCI1250-1R2M	100KHZ/0.25V	1.2	3.4	15.0	21.0
PSCI1250-1R8M	100KHZ/0.25V	1.8	5.4	10.5	17.6
PSCI1250-2R7M	100KHZ/0.25V	2.7	8.0	8.0	14.7
PSCI1250-3R6M	100KHZ/0.25V	3.6	11.4	7.5	12.5
PSCI1250-4R8M	100KHZ/0.25V	4.8	13.5	7.0	11.0

DC Bias VS Temperature Characteristics(PSCI1250)

