

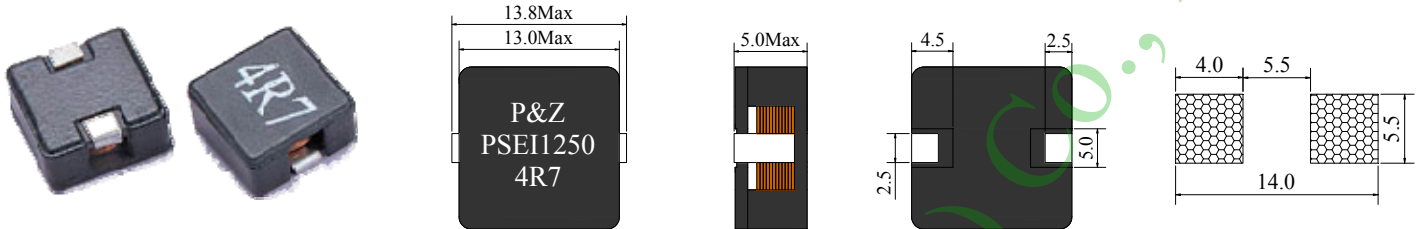


High Current Inductors PSEI1250 Series

Inductance Range: 1.0μH~4.7uH
Temperature Range: -40°C ~ +125°C

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 current 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, navigation.

Electrical Specifications:

Part No	Test frequency	Inductance L(uH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI1250-1R0M	100KHZ/0.25V	1.0	2.0	22.0	25.0
PSEI1250-1R5M	100KHZ/0.25V	1.5	2.5	18.0	19.0
PSEI1250-2R2M	100KHZ/0.25V	2.2	4.5	17.0	18.0
PSEI1250-2R7M	100KHZ/0.25V	2.7	5.0	16.0	17.0
PSEI1250-3R5M	100KHZ/0.25V	3.5	6.5	14.0	16.0
PSEI1250-4R7M	100KHZ/0.25V	4.7	8.0	12.0	15.0

DC Bias VS Temperature Characteristics(PSEI1045)

