



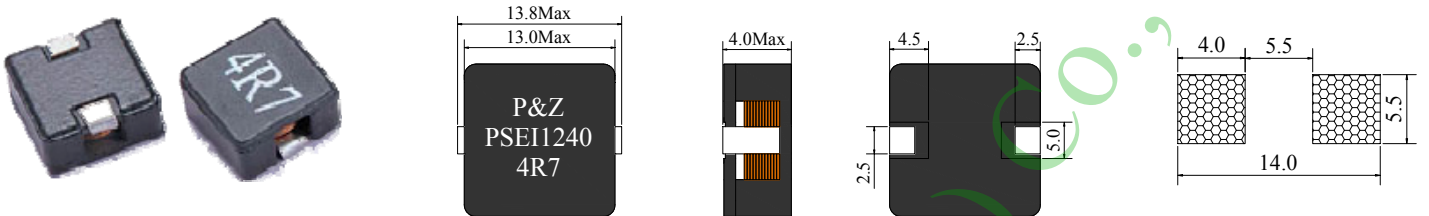
High Current Inductors PSEI1240 Series

Inductance Range:1.0 μ H~4.7 μ H

Temperature Range: -40 $^{\circ}$ C ~ +125 $^{\circ}$ 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(μ H) \pm 30%	DCR($m\Omega$)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI1240-1R0M	100KHZ/0.25V	1.0	2.0	19.0	24.0
PSEI1240-1R5M	100KHZ/0.25V	1.5	2.5	17.0	22.0
PSEI1240-2R2M	100KHZ/0.25V	2.2	4.5	16.0	18.0
PSEI1240-2R7M	100KHZ/0.25V	2.7	5.0	15.0	17.0
PSEI1240-3R5M	100KHZ/0.25V	3.5	6.5	13.0	15.0
PSEI1240-4R7M	100KHZ/0.25V	4.7	8.0	11.0	14.0

DC Bias VS Temperature Characteristics(PSEI1240)

