

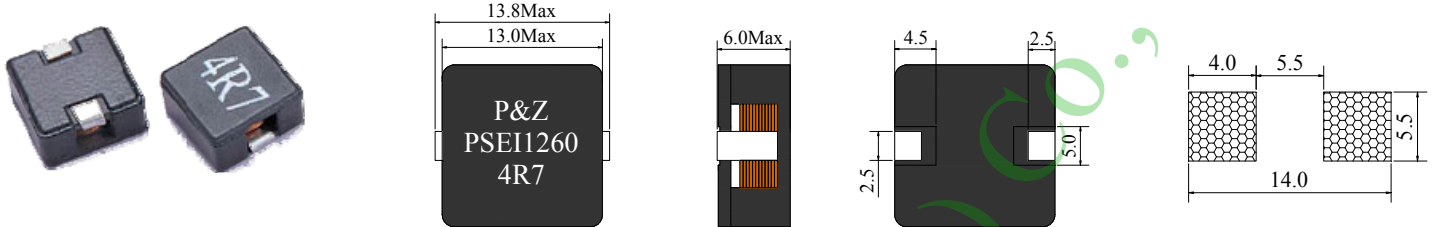


### High Current Inductors PSEI1260 Series

Inductance Range: 0.47 $\mu$ H~6.8uH  
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(uH) $\pm$ 30%	DCR(m $\Omega$ )Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI1260-R47M	100KHZ/0.25V	0.47	1.0	22.0	29.0
PSEI1260-1R0M	100KHZ/0.25V	1.0	1.5	19.0	26.0
PSEI1260-1R5M	100KHZ/0.25V	1.5	2.5	17.0	25.0
PSEI1260-2R2M	100KHZ/0.25V	2.2	3.0	16.0	24.0
PSEI1260-3R3M	100KHZ/0.25V	3.3	6.0	14.0	15.0
PSEI1260-4R7M	100KHZ/0.25V	4.7	8.0	13.0	10.0
PSEI1260-6R8M	100KHZ/0.25V	6.8	12.0	11.0	8.0

DC Bias VS Temperature Characteristics(PSEI1260)

