



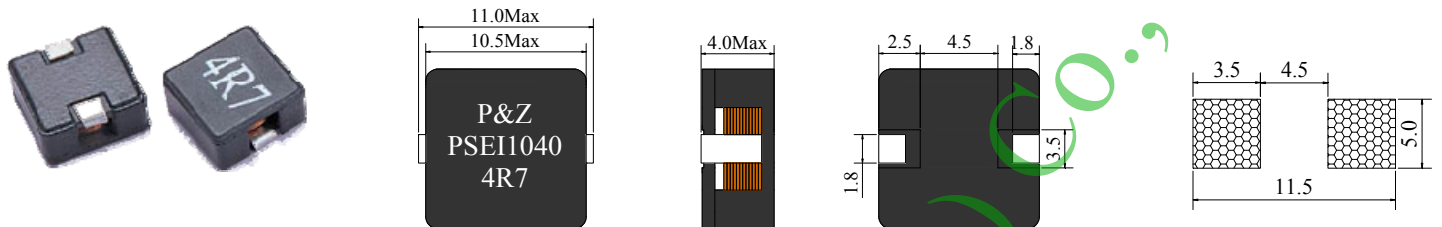
High Current Inductors PSEI1040 Series

Inductance Range: 0.6μH~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
PSEI1040-R60M	100KHZ/0.25V	0.6	4.0	17.0	20.0
PSEI1040-1R0M	100KHZ/0.25V	1.0	6.0	15.0	18.0
PSEI1040-1R5M	100KHZ/0.25V	1.5	9.0	14.0	16.0
PSEI1040-2R0M	100KHZ/0.25V	2.0	10.0	12.0	12.0
PSEI1040-2R7M	100KHZ/0.25V	2.7	11.0	10.0	11.0
PSEI1040-3R3M	100KHZ/0.25V	3.3	15.0	9.0	10.0
PSEI1040-4R7M	100KHZ/0.25V	4.7	18.0	8.0	8.0

DC Bias VS Temperature Characteristics(PSEI1040)

