

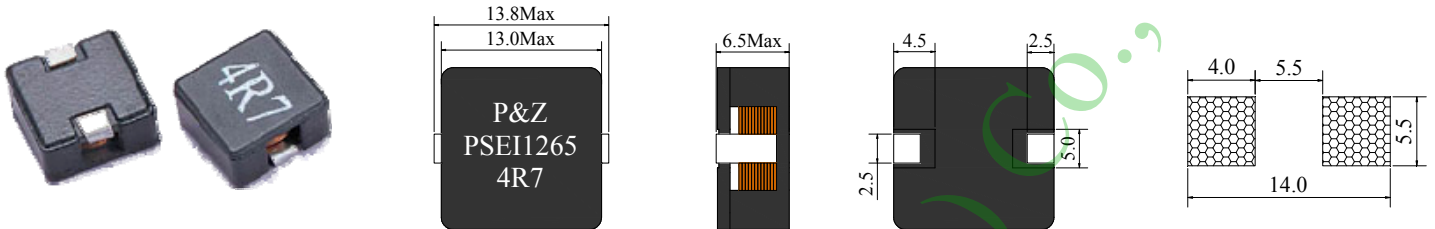


High Current Inductors PSEI1265 Series

Inductance Range: 0.9 μ H~10.0 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, stable soldering, anti-oxidation, easy to solder.
4. Fast paint stripping craft, PIN finished smoothly, no distortion, easy to solder.

Application:

Widely 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 Ω)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI1265-R90M	100KHZ/0.25V	0.9	1.5	22.0	28.0
PSEI1265-1R5M	100KHZ/0.25V	1.5	2.0	20.0	26.0
PSEI1265-2R2M	100KHZ/0.25V	2.2	3.0	17.0	25.0
PSEI1265-3R3M	100KHZ/0.25V	3.3	4.5	15.0	15.0
PSEI1265-4R7M	100KHZ/0.25V	4.7	7.0	14.0	10.0
PSEI1265-6R8M	100KHZ/0.25V	6.8	10.0	12.0	8.0
PSEI1265-100M	100KHZ/0.25V	10.0	15.0	8.0	7.0

DC Bias VS Temperature Characteristics(PSEI1265)

