



High Current Inductors

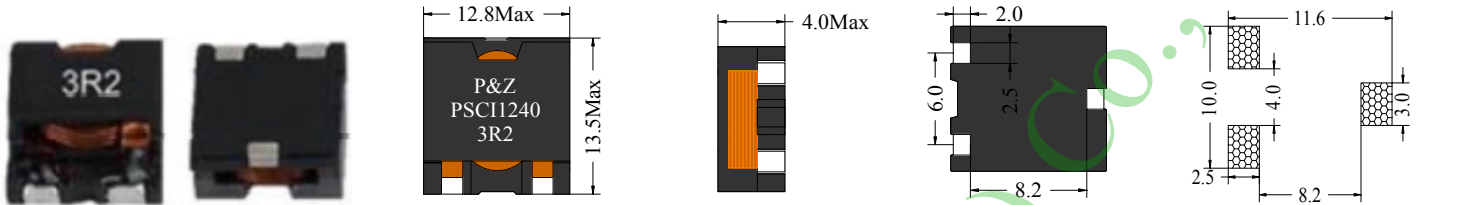
PSCI1240 Series

Inductance Range: 0.35 μ H~5.6 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
PSCI1240-R35M	100KHZ/0.25V	0.35	1.5	25.0	35.0
PSCI1240-R45M	100KHZ/0.25V	0.80	2.7	20.0	30.0
PSCI1240-1R4M	100KHZ/0.25V	1.4	4.8	18.0	25.0
PSCI1240-2R2M	100KHZ/0.25V	2.2	7.7	14.0	20.0
PSCI1240-3R2M	100KHZ/0.25V	3.2	11.8	12.0	17.0
PSCI1240-4R3M	100KHZ/0.25V	4.3	13.3	10.0	15.0
PSCI1240-5R6M	100KHZ/0.25V	5.6	21.0	6.0	10.0

DC Bias VS Temperature Characteristics(PSCI1240)

