



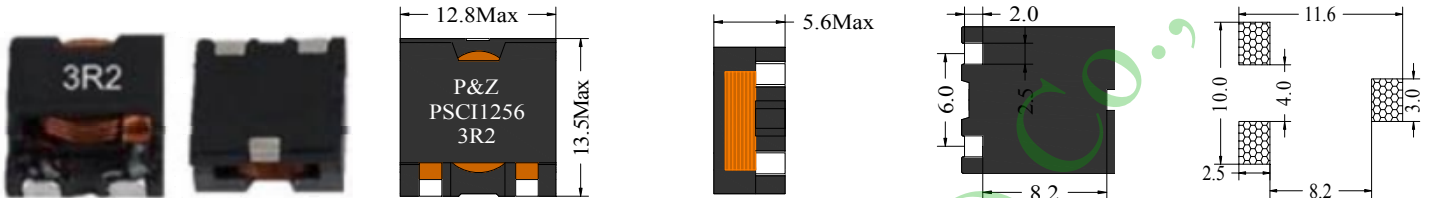
High Current Inductors PSCI1256 Series

Inductance Range: 0.35μH~5.6uH

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 curent 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
PSCI1256-R22M	100KHZ/0.25V	0.35	1.5	19.5	35.0
PSCI1256-R45M	100KHZ/0.25V	0.80	2.2	18.0	25.7
PSCI1256-R80M	100KHZ/0.25V	1.4	3.4	15.5	19.2
PSCI1256-1R3M	100KHZ/0.25V	2.2	5.4	12.5	14.8
PSCI1256-1R8M	100KHZ/0.25V	3.2	8.0	9.9	12.8
PSCI1256-2R5M	100KHZ/0.25V	4.3	11.4	8.2	11.0
PSCI1256-2R5M	100KHZ/0.25V	5.6	13.5	7.6	9.5

DC Bias VS Temperature Characteristics(PSCI1256)

