



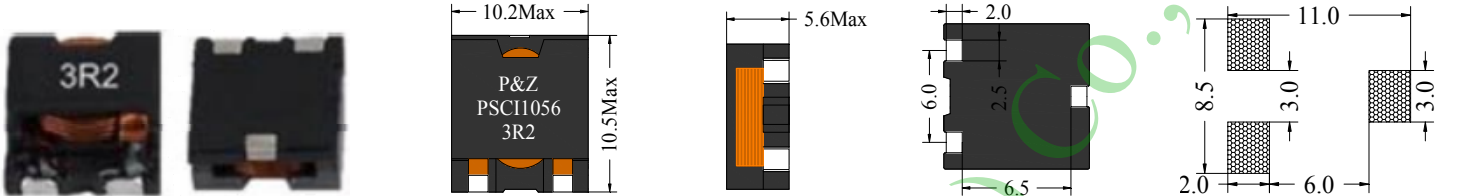
### High Current Inductors PSCI1056 Series

Inductance Range: 0.22μH~5.0uH

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, 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,neavigation.

#### Electrical Specifications:

Part No	Test frequency	Inductance L(uH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSCI1056-R22M	100KHZ/0.25V	0.22	1.7	19.0	26.4
PSCI1056-R45M	100KHZ/0.25V	0.45	2.4	17.7	22.4
PSCI1056-R80M	100KHZ/0.25V	0.8	4.1	13.0	20.8
PSCI1056-1R3M	100KHZ/0.25V	1.3	5.3	11.2	16.8
PSCI1056-1R8M	100KHZ/0.25V	1.8	7.5	9.0	13.8
PSCI1056-2R5M	100KHZ/0.25V	2.5	10.5	7.8	11.8
PSCI1056-3R2M	100KHZ/0.25V	3.2	12.4	7.4	10.5
PSCI1056-4R0M	100KHZ/0.25V	4.0	18.0	6.2	9.3
PSCI1056-5R0M	100KHZ/0.25V	5.0	23.8	4.9	8.4

DC Bias VS Temperature Characteristics(PSCI1056)

