



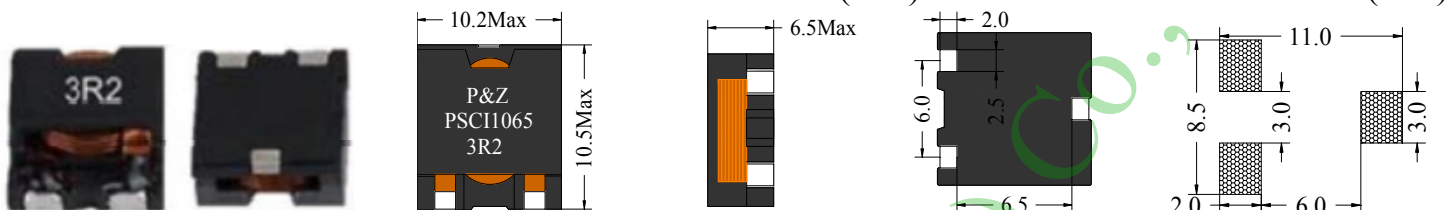
High Current Inductors PSCI1065 Series

Inductance Range: 0.36 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
PSCI1065-R36M	100KHZ/0.25V	0.36	1.1	24.0	25.0
PSCI1065-R80M	100KHZ/0.25V	0.80	1.6	21.0	22.0
PSCI1065-1R4M	100KHZ/0.25V	1.4	2.3	14.0	17.0
PSCI1065-2R2M	100KHZ/0.25V	2.2	3.4	11.0	14.0
PSCI1065-3R2M	100KHZ/0.25V	3.2	5.0	10.0	12.0
PSCI1065-4R3M	100KHZ/0.25V	4.3	6.4	9.0	11.0
PSCI1065-5R6M	100KHZ/0.25V	5.6	9.8	8.0	9.0

DC Bias VS Temperature Characteristics(PSCI1065)

