

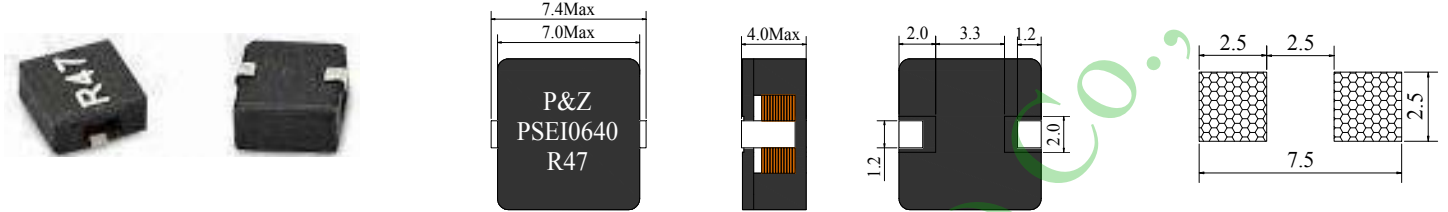


High Current Inductors PSEI0640 Series

Inductance Range:0.33μH~4.7uH
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.Assembled solide structure.
- 4.Low profile,high current,temperature rise current and saturation current performed well under high frequency& high temperature condition.
- 5.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,L lighting, communication equipment, medical equipment, navigation.

Electrical Specifications:

Part No	Test frequency	Inductance L(μH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI0640-R33M	100KHZ/0.25V	0.33	2.5	22.0	20.0
PSEI0640-R47M	100KHZ/0.25V	0.47	2.5	19.0	17.0
PSEI0640-R68M	100KHZ/0.25V	0.68	4.0	17.0	16.0
PSEI0640-R82M	100KHZ/0.25V	0.82	5.5	16.0	14.0
PSEI0640-1R0M	100KHZ/0.25V	1.0	8.0	15.0	12.0
PSEI0640-1R5M	100KHZ/0.25V	1.5	9.0	12.0	10.0
PSEI0640-2R2M	100KHZ/0.25V	2.2	13.0	10.0	7.0
PSEI0640-3R3M	100KHZ/0.25V	3.3	25.0	7.0	6.0
PSEI0640-4R7M	100KHZ/0.25V	4.7	32.0	6.0	5.0

DC Bias VS Temperature Characteristics(PSEI0640)

