



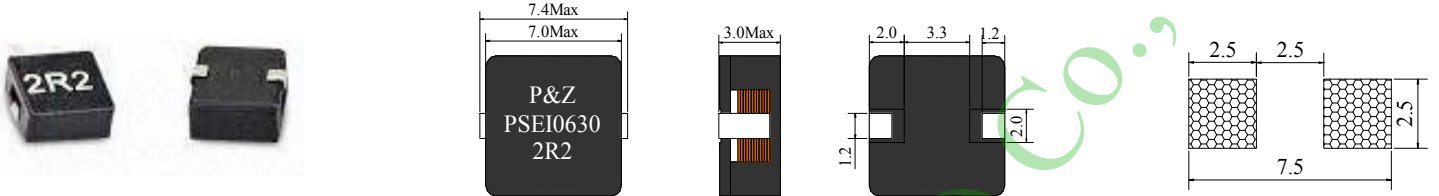
High Current Inductors PSEI0630 Series

Inductance Range: 0.13μH~2.2uH

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. Assembled solid 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:

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(μH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI0630-R13M	100KHZ/0.25V	0.13	1.00	22.0	48.0
PSEI0630-R22M	100KHZ/0.25V	0.22	2.00	18.0	40.0
PSEI0630-R52M	100KHZ/0.25V	0.52	4.07	14.0	20.0
PSEI0630-R95M	100KHZ/0.25V	0.95	7.00	11.0	13.0
PSEI0630-1R2M	100KHZ/0.25V	1.2	9.45	8.5	13.0
PSEI0630-1R5M	100KHZ/0.25V	1.5	14.00	7.5	12.0
PSEI0630-2R2M	100KHZ/0.25V	2.2	18.40	6.5	9.0

DC Bias VS Temperature Characteristics(PSEI0630)

