



High Current Inductors

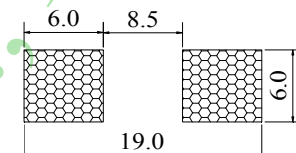
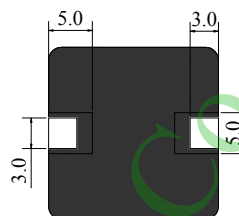
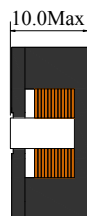
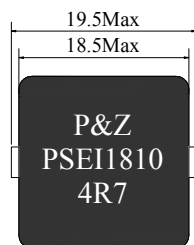
PSEI1810 Series

Inductance Range: 0.82μH~47uH

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.

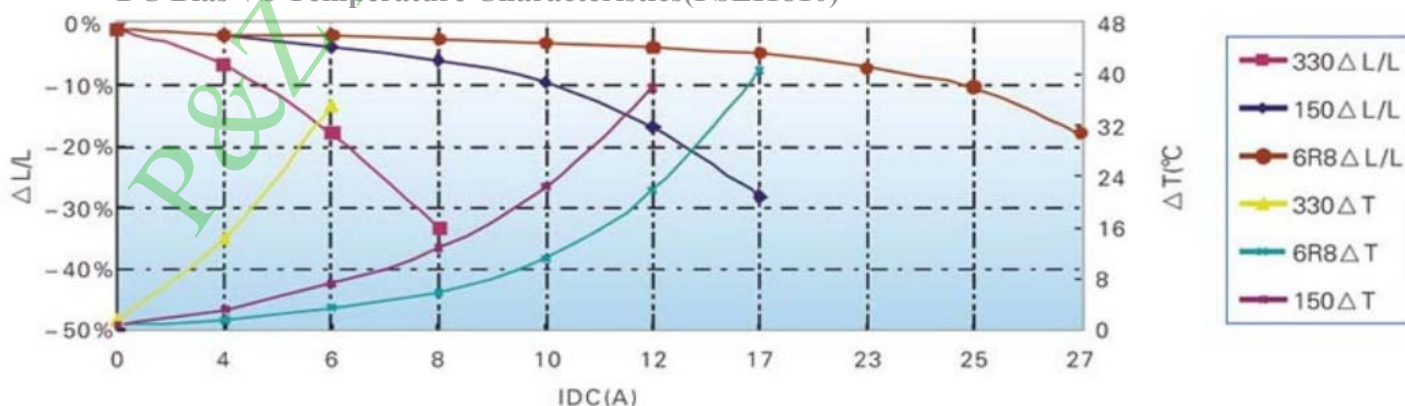
Application:

Widely used in industrial control PCs, PDA notebook, desktop, server, cell phone, automotive, DC/DC converter, LED lighting, communication equipment, medical equipment, navigation.

Electrical Specifications:

Part No	Test frequency	Inductance L(μH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSEI1810-R82M	100KHZ/0.25V	0.82	2.0	41.0	65.0
PSEI1810-1R2M	100KHZ/0.25V	1.2	2.5	34.0	62.0
PSEI1810-2R0M	100KHZ/0.25V	2.0	4.5	30.0	52.0
PSEI1810-2R5M	100KHZ/0.25V	2.5	5.0	29.0	48.0
PSEI1810-3R3M	100KHZ/0.25V	3.3	8.0	22.0	37.0
PSEI1810-4R7M	100KHZ/0.25V	4.7	10.0	20.0	35.0
PSEI1810-5R6M	100KHZ/0.25V	5.6	11.0	17.0	32.0
PSEI1810-6R8M	100KHZ/0.25V	6.8	12.0	15.0	27.0
PSEI1810-100M	100KHZ/0.25V	10.0	15.0	14.0	20.0
PSEI1810-150M	100KHZ/0.25V	15.0	18.0	12.0	14.0
PSEI1810-220M	100KHZ/0.25V	22.0	20.0	8.0	11.0
PSEI1810-330M	100KHZ/0.25V	33.0	30.0	6.0	8.0
PSEI1810-470M	100KHZ/0.25V	47.0	45.0	4.5	7.0

DC Bias VS Temperature Characteristics(PSEI1810)



*Product specifications are for reference only, It does not include the latest product information, Product specifications are subject to change without notice. Please confirm the latest product information or visit our website to us before ordering.