



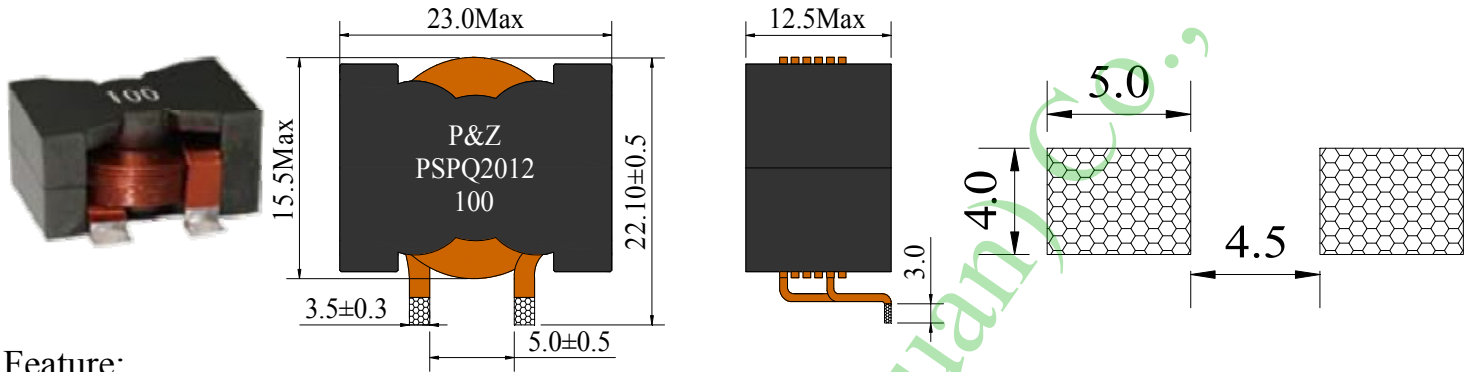
High Current Inductors PSPQ2012 Series

Inductance Range:2.2μH~35uH

Temperature Range:−40℃~+125℃

Dimensions: (mm)

LAND PATTERNS(mm)



Feature:

- 1.Low core loss and high efficiency performance.
- 2.Closed magnetic field construction For high density board assembly
- 3.Compliant with RoHS and HALOGEN FREE.

Application:

- 1.DC/DC Converter in Power Regulation System
- 2.PV Inverters.

Electrical Specifications

Part No	Test frequency	Inductance L(μH)±30%	DCR(mΩ)Max	Heat Rated Current(A)Max	Saturation Current(A)Max
PSPQ2012-2R2M	100KHZ/0.25V	2.2	1.7	28.0	52.0
PSPQ2012-3R3M	100KHZ/0.25V	3.3	2.3	26.0	45.0
PSPQ2012-4R7M	100KHZ/0.25V	4.7	3.4	24.0	38.0
PSPQ2012-5R6M	100KHZ/0.25V	5.6	4.5	22.0	33.0
PSPQ2012-6R8M	100KHZ/0.25V	6.8	6.2	21.0	30.0
PSPQ2012-8R2M	100KHZ/0.25V	8.2	8.0	17.0	25.0
PSPQ2012-100M	100KHZ/0.25V	10	8.9	16.0	23.0
PSPQ2012-150M	100KHZ/0.25V	15	10.0	14.0	21.0

DC Bias Temperature Characteristics:

