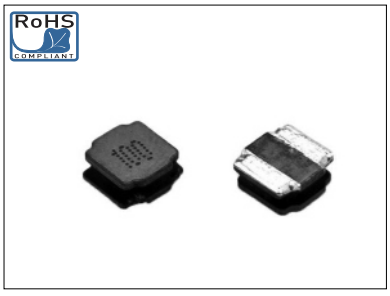
SMD Semi-Shielded Power Inductor - SNR6012 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 100uH
- Rated current up to 3A
- Small and very Thin inductor

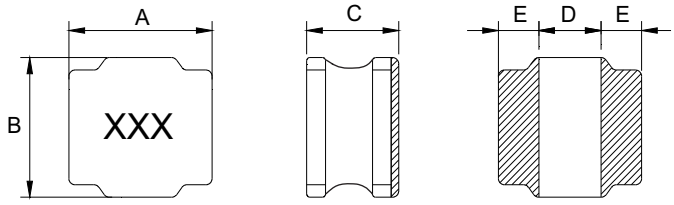
Application

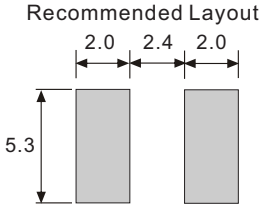
- LED Lighting,
- Automotive systems,
- Notebooks,desktop computers,servers,graphic cards.

General Specifications

- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +125°C
- Resistance to Soldering Heat +260°C for 5-10 Sec.

Dimensions & Configurations (Unit:mm)





Type	A	B	C	D	E
SNR6012	6.0±0.2	6.0±0.2	1.3Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR6012 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR6012-1R0N	1.0±30%	60	3.00
SNR6012-1R5N	1.5±30%	80	2.60
SNR6012-2R2N	2.2±30%	108	2.10
SNR6012-3R3M	3.3±20%	126	1.80
SNR6012-4R7M	4.7±20%	150	1.60
SNR6012-6R8M	6.8±20%	198	1.30
SNR6012-100M	10±20%	240	1.00
SNR6012-150M	15±20%	354	0.80
SNR6012-220M	22±20%	558	0.76
SNR6012-330M	33±20%	696	0.59
SNR6012-470M	47±20%	1158	0.52
SNR6012-680M	68±20%	1392	0.44
SNR6012-101M	100±20%	2004	0.35

- Inductance tested at 100kHz, 1.0Vrms, 0.0Adc
- Heat Rating Current (Irms): Current that cause the temperature 40°C rise from 25°C
- Saturation Current (Isat): DC current at which the inductance drops 30% from its value without current