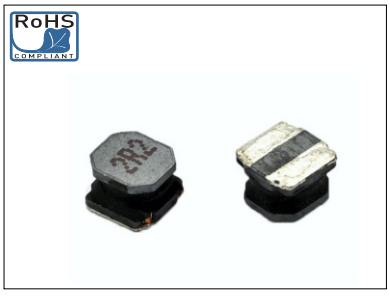
SMD Semi-Shielded Power Inductor - SNR4012 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 68uH
- Rated current up to 2.61A
- Small and very Thin inductor

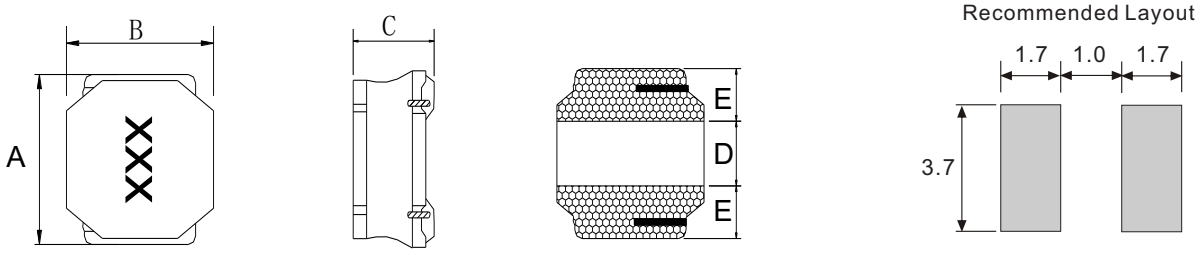
Application

- 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
SNR4012	4.0±0.2	4.0±0.2	1.35Max	1.4±0.2	1.3±0.2

Electrical Characteristics For SNR4012 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR4012-1R0N	1.0±30%	65	2.61
SNR4012-1R5N	1.5±30%	85	2.10
SNR4012-2R2N	2.2±30%	104	1.76
SNR4012-3R3M	3.3±20%	147	1.25
SNR4012-4R7M	4.7±20%	163	1.15
SNR4012-6R8M	6.8±20%	260	0.95
SNR4012-100M	10±20%	345	0.80
SNR4012-150M	15±20%	442	0.56
SNR4012-220M	22±20%	611	0.54
SNR4012-330M	33±20%	1053	0.42
SNR4012-470M	47±20%	1430	0.35
SNR4012-680M	68±20%	1950	0.30

- 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