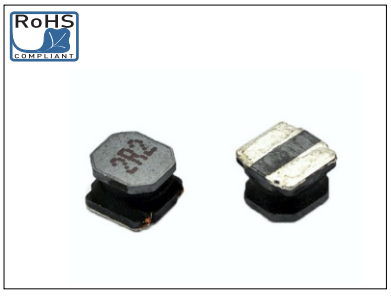
SMD Semi-Shielded Power Inductor - SNR5012 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 22uH
- Rated current up to 4A
- Small and very Thin inductor

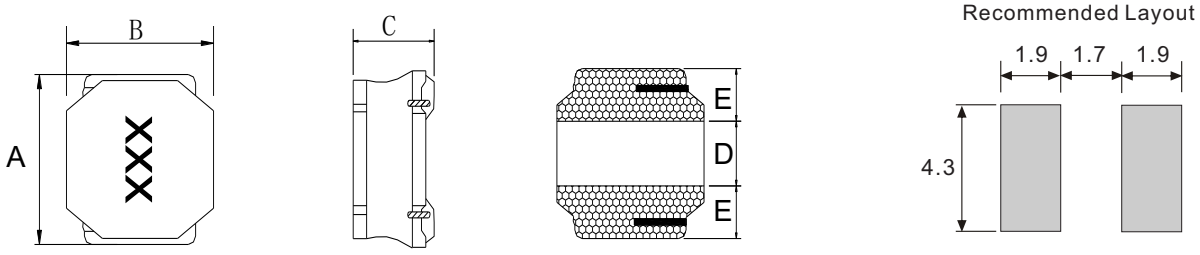
Application

- 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
SNR5012	5.0±0.2	5.0±0.2	1.3Max	2.0±0.2	1.5±0.2

Electrical Characteristics For SNR5012 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR5012-1R0N	1.0±30%	78	4.00
SNR5012-1R5N	1.5±30%	85	3.20
SNR5012-2R2N	2.2±30%	120	3.10
SNR5012-3R3M	3.3±20%	200	2.20
SNR5012-4R7M	4.7±20%	230	1.98
SNR5012-6R8M	6.8±20%	390	1.50
SNR5012-100M	10±20%	624	1.40
SNR5012-150M	15±20%	804	1.20
SNR5012-220M	22±20%	1300	1.10

- 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