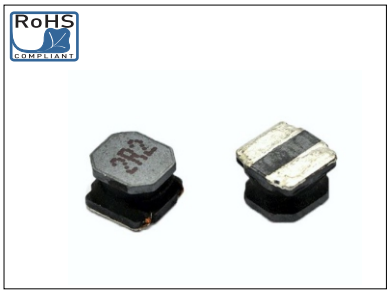
SMD Semi-Shielded Power Inductor - SNR5045 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 470uH
- Rated current up to 6A
- Small and very Thin inductor

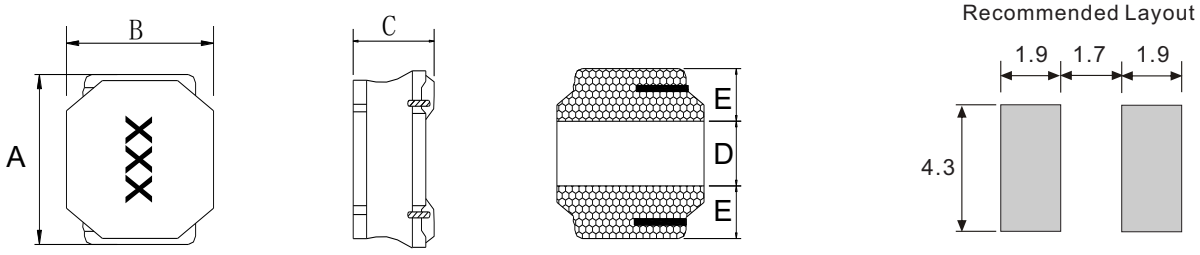
Application

- 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
SNR5045	5.0±0.2	5.0±0.2	4.5Max	2.0±0.2	1.5±0.2

Electrical Characteristics For SNR5045 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR5045-1R0N	1.0±30%	20	6.00
SNR5045-1R5N	1.5±30%	21	5.80
SNR5045-2R2N	2.2±30%	22	5.00
SNR5045-3R3M	3.3±20%	29	4.00
SNR5045-4R7M	4.7±20%	34	3.30
SNR5045-220M	22±20%	170	1.75
SNR5045-151M	150±20%	1700	0.55
SNR5045-221M	220±20%	1950	0.50
SNR5045-471M	470±20%	4300	0.20