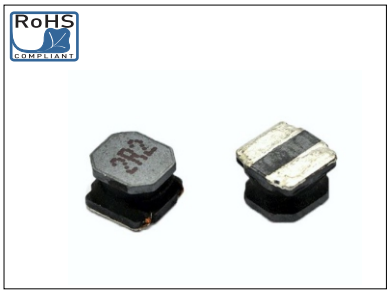
SMD Semi-Shielded Power Inductor - SNR3010 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 47uH
- Rated current up to 1.4A
- Small and very Thin inductor

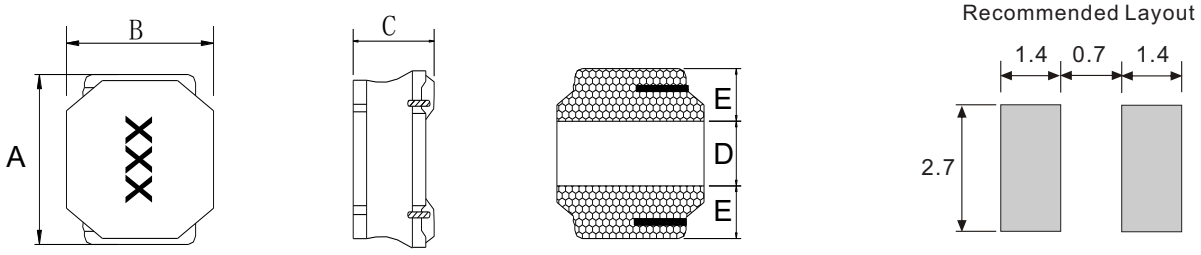
Application

- 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
SNR3010	3.0±0.2	3.0±0.2	1.2Max	1.2±0.2	0.9±0.2

Electrical Characteristics For SNR3010 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR3010-1R0N	1.0±30%	85	1.40
SNR3010-1R5N	1.5±30%	104	1.27
SNR3010-2R2N	2.2±30%	143	1.15
SNR3010-3R3M	3.3±20%	189	0.97
SNR3010-4R7M	4.7±20%	293	0.75
SNR3010-6R8M	6.8±20%	397	0.55
SNR3010-100M	10±20%	520	0.55
SNR3010-150M	15±20%	850	0.42
SNR3010-220M	22±20%	1300	0.35
SNR3010-330M	33±20%	2050	0.29
SNR3010-470M	47±20%	2535	0.22

- 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