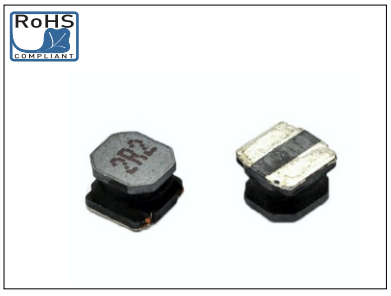
SMD Semi-Shielded Power Inductor - SNR4010 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 47uH
- Rated current up to 2.2A
- Small and very Thin inductor

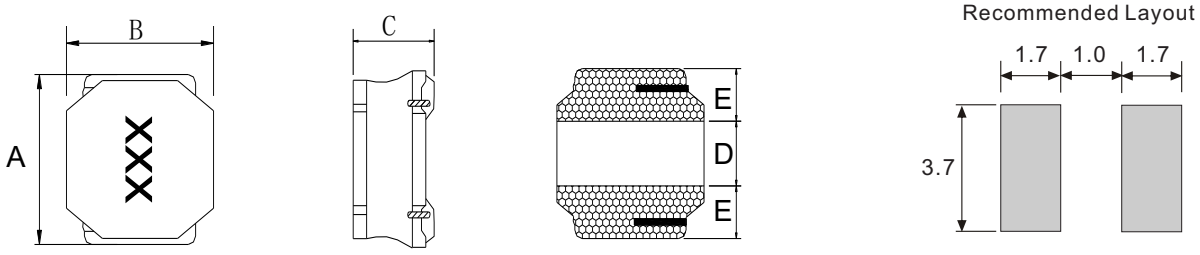
Application

- 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
SNR4010	4.0±0.2	4.0±0.2	1.2Max	1.4±0.2	1.3±0.2

Electrical Characteristics For SNR4010 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR4010-1R0N	1.0±30%	92	2.20
SNR4010-2R2N	2.2±30%	152	1.60
SNR4010-3R3M	3.3±20%	206	1.40
SNR4010-4R7M	4.7±20%	286	1.10
SNR4010-6R8M	6.8±20%	378	1.00
SNR4010-8R2M	6.8±20%	436	0.85
SNR4010-100M	10±20%	480	0.80
SNR4010-220M	22±20%	1430	0.50
SNR4010-470M	47±20%	2389	0.23

- 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