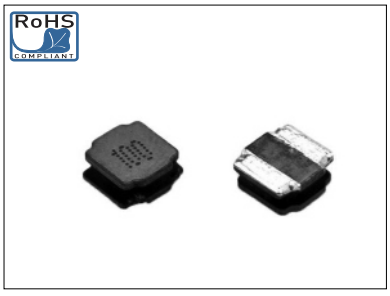
SMD Semi-Shielded Power Inductor - SNR6050 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 2.2uH - 33uH
- Rated current up to 8.5A
- Small and very Thin inductor

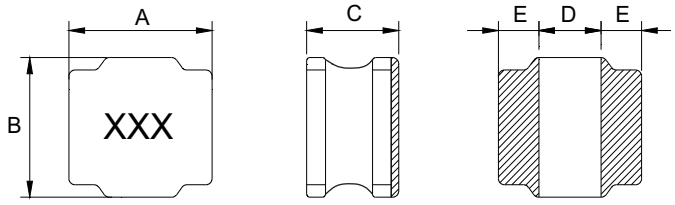
Application

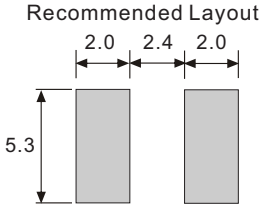
- LED Lighting,
- Automotive systems,
- Notebooks,desktop computers,servers,graphic cards.

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
SNR6050	6.0±0.2	6.0±0.2	5.3Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR6050 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR6050-2R2N	2.2±30%	20	8.50
SNR6050-3R3M	3.3±20%	26	7.20
SNR6050-4R7M	4.7±20%	36	6.40
SNR6050-6R8M	6.8±20%	46	5.20
SNR6050-100M	10±20%	60	4.20
SNR6050-150M	15±20%	90	3.30
SNR6050-220M	22±20%	120	3.10
SNR6050-330M	33±20%	175	2.20

- 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