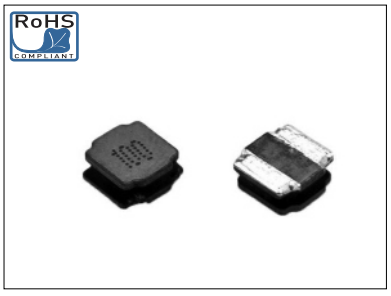
SMD Semi-Shielded Power Inductor - SNR6060 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 33uH
- Rated current up to 10A
- Small and very Thin inductor

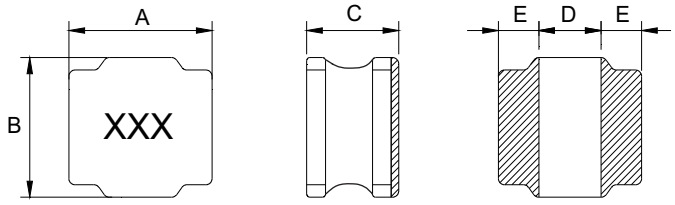
Application

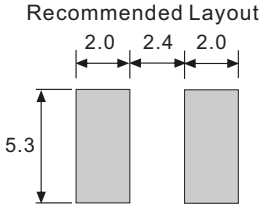
- LED Lighting,
- Automotive systems,
- Notebooks,desktop computers,servers,graphic cards.

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
SNR6060	6.0±0.2	6.0±0.2	6.3Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR6060 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR6060-1R0N	1.0±30%	10	10.00
SNR6060-2R0N	2.0±30%	20	8.80
SNR6060-2R2N	2.2±30%	20	8.80
SNR6060-3R3M	3.3±20%	25	7.50
SNR6060-4R7M	4.7±20%	32.5	6.80
SNR6060-6R8M	6.8±20%	40	5.90
SNR6060-100M	10±20%	72	4.60
SNR6060-150M	15±20%	97.5	3.80
SNR6060-220M	22±20%	110.5	3.40
SNR6060-330M	33±20%	156	2.80

- 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