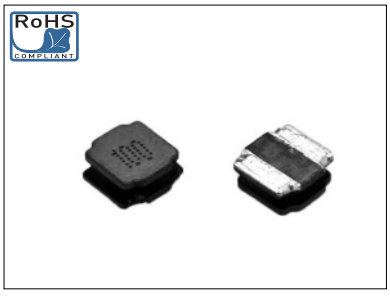
SMD Semi-Shielded Power Inductor - SNR5020 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 1000uH
- Rated current up to 4.33A
- Small and very Thin inductor

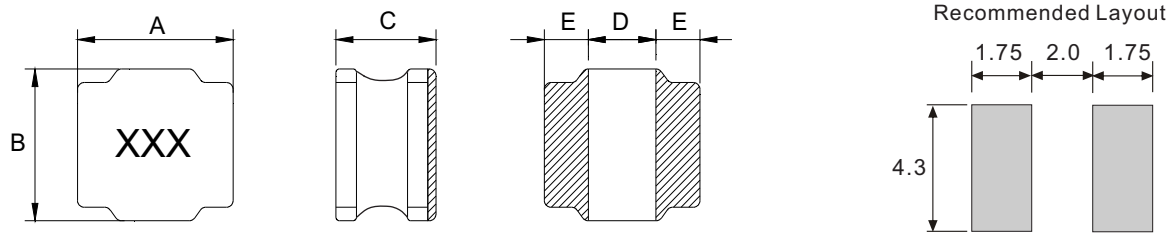
Application

- 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
SNR5020	5.0±0.2	5.0±0.2	2.0Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR5020 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR5020-1R0N	1.0±30%	25	4.33
SNR5020-1R5N	1.5±30%	34	4.10
SNR5020-2R2N	2.2±30%	50	3.60
SNR5020-3R3M	3.3±20%	59	3.00
SNR5020-4R7M	4.7±20%	78	2.50
SNR5020-6R8M	6.8±20%	108	2.05
SNR5020-100M	10±20%	156	1.44
SNR5020-150M	15±20%	234	1.40
SNR5020-220M	22±20%	294	1.15
SNR5020-270M	27±20%	390	1.05
SNR5020-330M	33±20%	465	1.00
SNR5020-470M	47±20%	657	0.82
SNR5020-680M	68±20%	835	0.59
SNR5020-101M	100±20%	1328	0.55
SNR5020-221M	220±20%	2860	0.28
SNR5020-102M	1000±20%	18200	0.10