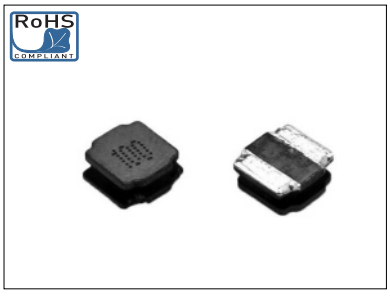
SMD Semi-Shielded Power Inductor - SNR6045 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 1000uH
- Rated current up to 9.85A
- Small and very Thin inductor

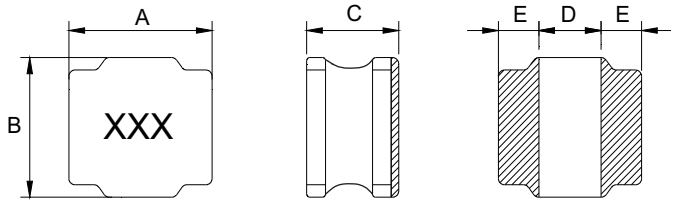
Application

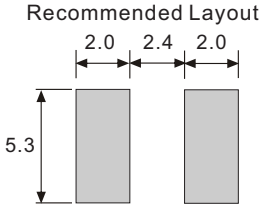
- LED Lighting,
- Automotive systems,
- Notebooks,desktop computers,servers,graphic cards.

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
SNR6045	6.0±0.2	6.0±0.2	4.5Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR6045 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR6045-1R0N	1.0±30%	14.3	9.85
SNR6045-1R5N	1.5±30%	15.6	9.00
SNR6045-1R8N	1.8±30%	23.4	7.00
SNR6045-2R2N	2.2±30%	23.4	6.90
SNR6045-3R3M	3.3±20%	27.3	5.90
SNR6045-4R7M	4.7±20%	33.8	5.00
SNR6045-5R6M	5.6±20%	36.4	4.27
SNR6045-6R8M	6.8±20%	40.3	3.90
SNR6045-8R2M	8.2±20%	59.8	3.30
SNR6045-100M	10±20%	59.8	3.30
SNR6045-120M	12±20%	78	2.80
SNR6045-150M	15±20%	84.5	2.58
SNR6045-220M	22±20%	149.5	2.08
SNR6045-270M	27±20%	156	1.90
SNR6045-330M	33±20%	182	1.65
SNR6045-470M	47±20%	260	1.44
SNR6045-560M	56±20%	377	1.40
SNR6045-680M	68±20%	541	0.98
SNR6045-101M	100±20%	606	0.88
SNR6045-121M	120±20%	754	0.80
SNR6045-151M	150±20%	1044	0.72
SNR6045-221M	220±20%	2600	0.50
SNR6045-331M	330±20%	6760	0.24
SNR6045-102M	1000±20%	7800	0.27