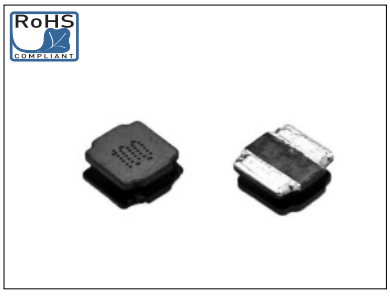
SMD Semi-Shielded Power Inductor - SNR6028 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 1000uH
- Rated current up to 5.75A
- Small and very Thin inductor

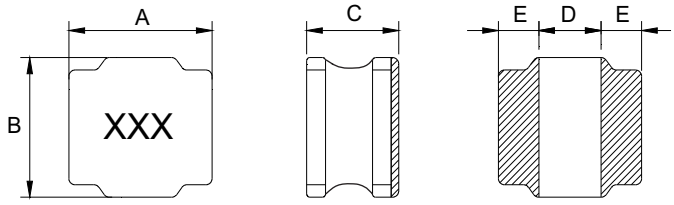
Application

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

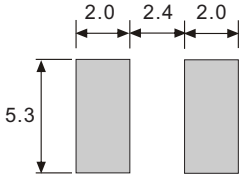
General Specifications

- 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)



Recommended Layout



Type	A	B	C	D	E
SNR6028	6.0±0.2	6.0±0.2	3.0Max	2.3±0.2	1.35±0.2

Electrical Characteristics For SNR6028 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR6028-1R0N	1.0±30%	20	5.75
SNR6028-1R5N	1.5±30%	25	5.25
SNR6028-2R2N	2.2±30%	28	5.10
SNR6028-3R3M	3.3±20%	40	3.80
SNR6028-4R7M	4.7±20%	45	3.70
SNR6028-5R6M	5.6±20%	60	3.15
SNR6028-6R8M	6.8±20%	65	3.00
SNR6028-100M	10±20%	85	2.50
SNR6028-120M	12±20%	96	2.00
SNR6028-150M	15±20%	125	2.00
SNR6028-220M	22±20%	185	1.45
SNR6028-270M	27±20%	210	1.45
SNR6028-330M	33±20%	260	1.20
SNR6028-470M	47±20%	410	1.15
SNR6028-560M	56±20%	420	0.85
SNR6028-680M	68±20%	546	0.85
SNR6028-820M	82±20%	680	0.80
SNR6028-101M	100±20%	750	0.75
SNR6028-151M	150±20%	860	0.50
SNR6028-331M	330±20%	2400	0.27
SNR6028-471M	470±20%	3500	0.23
SNR6028-102M	1000±20%	7800	0.20