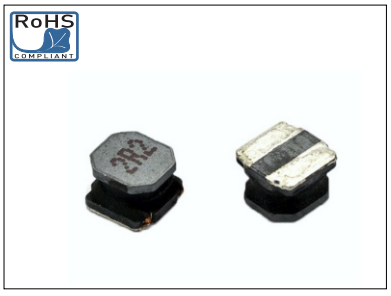
SMD Semi-Shielded Power Inductor - SNR4026 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 68uH
- Rated current up to 3.3A
- Small and very Thin inductor

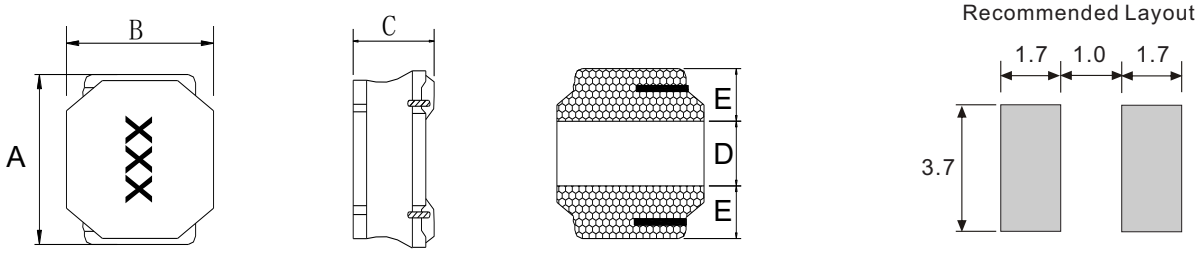
Application

- 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
SNR4026	4.0±0.2	4.0±0.2	2.8Max	1.4±0.2	1.3±0.2

Electrical Characteristics For SNR4026 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR4026-1R0N	1.0±30%	45	3.30
SNR4026-2R2N	2.2±30%	60	2.90
SNR4026-3R3M	3.3±20%	88	2.50
SNR4026-4R7M	4.7±20%	128	2.25
SNR4026-6R8M	6.8±20%	145	1.90
SNR4026-8R2M	8.2±20%	160	1.75
SNR4026-100M	10±20%	180	1.65
SNR4026-150M	15±20%	300	1.55
SNR4026-220M	22±20%	330	1.40
SNR4026-330M	33±20%	482	1.20
SNR4026-470M	47±20%	950	1.00
SNR4026-680M	68±20%	1300	0.80

- 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