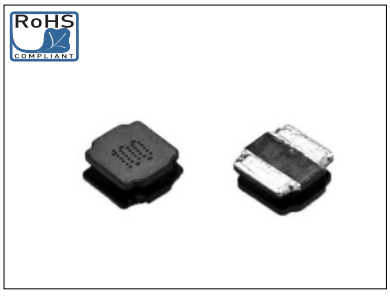
SMD Semi-Shielded Power Inductor - SNR8040 Series

Meisongbei



Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 470uH
- Rated current up to 10.15A
- Small and very Thin inductor

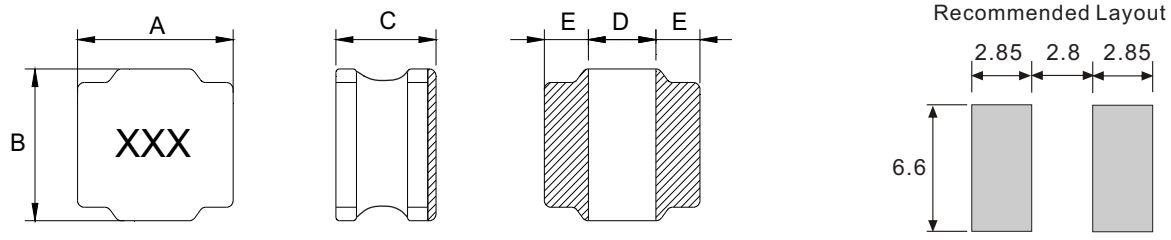
Application

- 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
SNR8040	8.0±0.2	8.0±0.2	4.2Max	3.1±0.2	2.45±0.2

Electrical Characteristics For SNR8040 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR8040-1R0N	1.0±30%	9.1	10.15
SNR8040-1R5N	1.5±30%	13	8.15
SNR8040-2R2N	2.2±30%	15.6	8.00
SNR8040-3R3M	3.3±20%	22.1	6.50
SNR8040-4R7M	4.7±20%	24.7	5.90
SNR8040-6R8M	6.8±20%	31.2	4.95
SNR8040-100M	10±20%	52	4.30
SNR8040-150M	15±20%	61	2.95
SNR8040-220M	22±20%	85.8	2.50
SNR8040-330M	33±20%	143	2.07
SNR8040-470M	47±20%	195	1.75
SNR8040-680M	68±20%	255	1.45
SNR8040-101M	100±20%	377	1.15
SNR8040-221M	220±20%	780	0.85
SNR8040-331M	330±20%	1157	0.68
SNR8040-471M	470±20%	1950	0.55
SNR8040-681M	680±20%	2652	0.48