

# SMD Semi-Shielded Power Inductor - SNR4030 Series *Meisongbei*



## Features

- Magnetic-resin Shielded reduces noise
- Inductance Range: 1uH - 220uH
- Rated current up to 5A
- Small and very Thin inductor

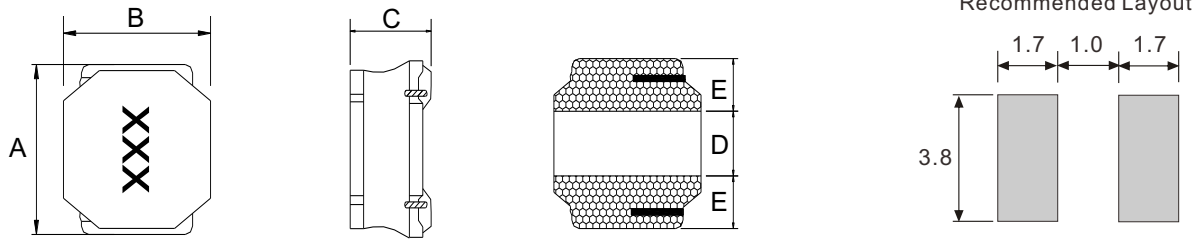
## Application

- 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
SNR4030	4.0±0.2	4.0±0.2	3.0Max	1.4±0.2	1.3±0.2

## ► Electrical Characteristics For SNR4030 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNR4030-1R0N	1.0±30%	28.6	5.00
SNR4030-1R5N	1.5±30%	42	4.80
SNR4030-2R2N	2.2±30%	46	4.50
SNR4030-3R3M	3.3±20%	65	3.00
SNR4030-4R7M	4.7±20%	78	2.90
SNR4030-6R8M	6.8±20%	130	2.20
SNR4030-100M	10±20%	156	2.00
SNR4030-150M	15±20%	260	1.70
SNR4030-220M	22±20%	293	1.30
SNR4030-330M	33±20%	468	1.10
SNR4030-470M	47±20%	598	0.98
SNR4030-560M	56±20%	695	0.88
SNR4030-680M	68±20%	1087	0.77
SNR4030-101M	100±20%	1443	0.70
SNR4030-151M	150±20%	1820	0.50
SNR4030-221M	220±20%	4550	0.33

- 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