

SMD Wound Metal Power Inductor - SNRV3012 Series **Meisongbei**



Features

- Magnetic Shielded reduces noise
- Small and very Thin inductor
- Material: metallic magnetic
- Larger current

General Specifications

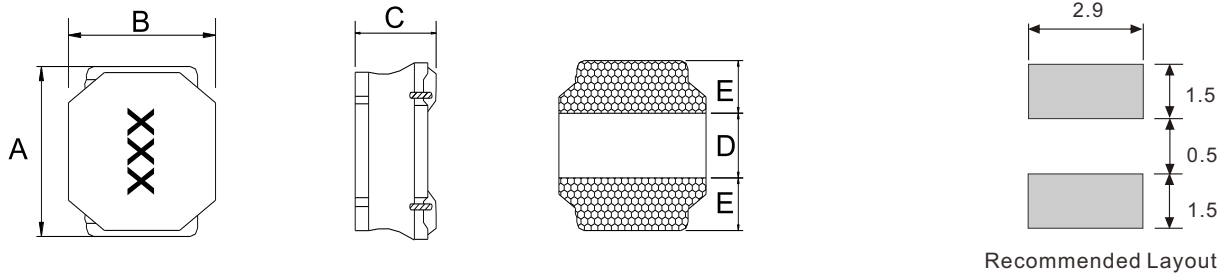
- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +125°C

Application

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



► Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E
SNRV3012	3.0±0.2	3.0±0.2	1.35Max	0.82±0.2	1.13±0.2

► Electrical Characteristics For SNRV3012 Series

Part Number	Inductance [uH]	DCR(max) [mΩ]	Isat [A] (Max.)
SNRV3012-R33N	0.33±30%	30	7.20
SNRV3012-R47N	0.47±30%	36	6.80
SNRV3012-R68N	0.68±30%	44	5.80
SNRV3012-1R0N	1.0±30%	58	4.20
SNRV3012-1R5N	1.5±30%	77	3.40
SNRV3012-2R2N	2.2±30%	110	2.80
SNRV3012-3R3M	3.3±20%	158	2.20
SNRV3012-4R7M	4.7±20%	235	2.00
SNRV3012-6R8M	6.8±20%	340	1.60
SNRV3012-100M	10±20%	474	1.20

- 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