

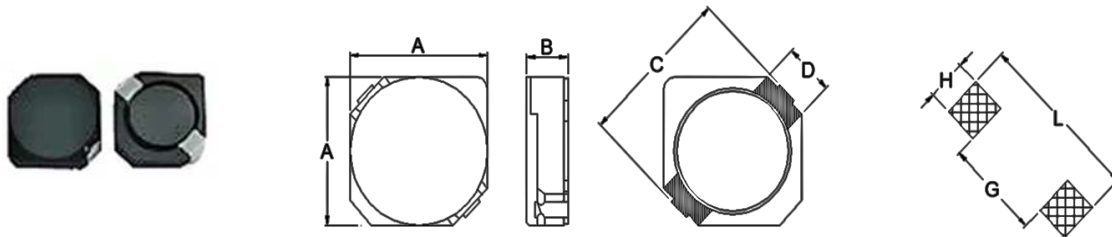
### Features

- Excellent solderability and high heat resistance.
- Takes up less PCB real estate and save more power
- Packed in carrier tape and suitable for Surface Mounting Machine.
- Magnetic shielded type against radiation

### Applications

- Ideally used in Mobilephone, PDS, MP3, DVC, Portable DVD etc.. As DC-DC convertor inductors.

### Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	L	G	H
SDRH2D14A	3.0 ± 0.2	1.6 Max.	4.5 Max.	1.0 ± 0.2	4.30	1.70	1.30

### Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH2D14A-1R2NC	1.2 ± 30%	100	0.049	1.95	2.75
SDRH2D14A-1R5NC	1.5 ± 30%	100	0.063	1.80	2.00
SDRH2D14A-1R8NC	1.8 ± 30%	100	0.075	1.65	1.80
SDRH2D14A-2R2NC	2.2 ± 30%	100	0.094	1.50	1.60
SDRH2D14A-2R7NC	2.7 ± 30%	100	0.106	1.35	1.40
SDRH2D14A-3R3NC	3.3 ± 30%	100	0.125	1.20	1.24
SDRH2D14A-3R9NC	3.9 ± 30%	100	0.138	1.10	1.12
SDRH2D14A-4R7NC	4.7 ± 30%	100	0.169	1.00	1.00
SDRH2D14A-5R6NC	5.6 ± 30%	100	0.188	0.95	0.98
SDRH2D14A-6R8NC	6.8 ± 30%	100	0.213	0.85	0.92
SDRH2D14A-8R2NC	8.2 ± 30%	100	0.281	0.80	0.80
SDRH2D14A-100NC	10 ± 30%	100	0.294	0.70	0.76
SDRH2D14A-120NC	12 ± 30%	100	0.394	0.62	0.64

#### NOTES:

Isat: DC current at which the inductance drops approximately 35% from its value without current.

Irms: DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient