

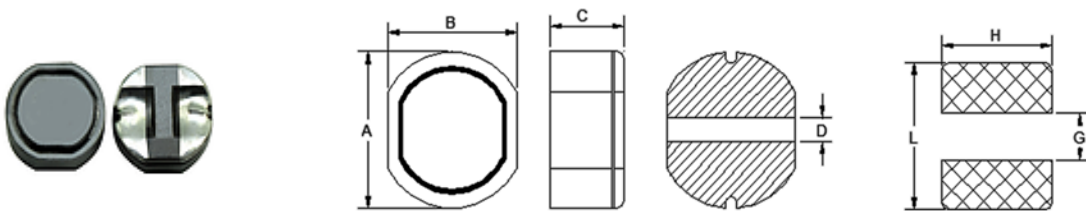
Features

- To be high saturation for surface mounting.
- Surface mount inductor with high current rating.
- Low resistance to keep power loss minimum.
- Packed in embossed carrier tape suitable for automation mount machine.

Applications

- Excellent as VTR, OA equipment, LCD television sets, notebook PC, Portable communication equipment, DC/DC converters etc...

Shapes and Dimensions



Packing Q'ty : 1,500 pcs/reel

Type	A	B	C	D	L	G	H
SDR52B	5.8 ± 0.3	5.2 ± 0.3	2.8 Max.	1.5	6.7	1.3	5.5

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated (A) max.
SDR52B-1R0NC	1.0 ± 30%	100	0.050	1.70
SDR52B-1R8NC	1.8 ± 30%	100	0.060	1.20
SDR52B-2R2NC	2.2 ± 30%	100	0.070	1.10
SDR52B-3R3NC	3.3 ± 30%	100	0.080	0.90
SDR52B-5R6NC	5.6 ± 30%	100	0.100	0.75
SDR52B-6R8NC	6.8 ± 30%	100	0.110	0.70
SDR52B-8R2NC	8.2 ± 30%	100	0.130	0.60
SDR52B-100MC	10 ± 20%	100	0.150	0.54
SDR52B-150MC	15 ± 20%	100	0.200	0.46
SDR52B-270MC	22 ± 20%	100	0.280	0.42
SDR52B-330MC	33 ± 20%	100	0.450	0.35
SDR52B-390MC	39 ± 20%	100	0.550	0.32
SDR52B-470MC	47 ± 20%	100	0.600	0.28
SDR52B-560MC	56 ± 20%	100	0.760	0.25
SDR52B-680MC	68 ± 20%	100	0.920	0.23

NOTES:

Rated Current : DC current at which the inductance drops approximately 30% from its value without current.