

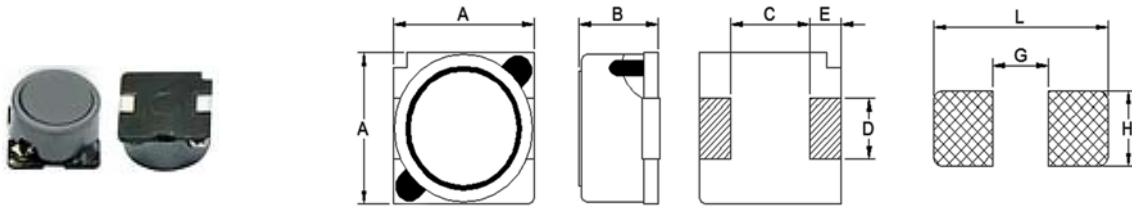
Features

- The SDRR series are characterized by low profile.
- Low DC resistance and high current handling capacities.
- Flat bottom surface ensure secure, reliable mounting.
- Provided in embossed carrier tape packing for use automatic mounting machines.

Applications

- Ideally used in PC, HDD, LCD-TV, Plasma-TV, DVD-recorder and other Audio-Visual equipment etc.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRR10165	10.1 ± 0.3	7.0 max.	6.0 ± 0.2	3.0 ± 0.2	2.0	10.6	5.6	3.2

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R (Ω) Max.	Isat (A) Max.	Irms (A) Max.
SDRR10165-1R5NC	1.5 ± 30%	1 KHz	0.009	10.70	6.80
SDRR10165-2R2NC	2.2 ± 30%	1 KHz	0.011	8.90	6.30
SDRR10165-3R3NC	3.3 ± 30%	1 KHz	0.013	7.80	5.80
SDRR10165-4R7NC	4.7 ± 30%	1 KHz	0.016	6.10	4.70
SDRR10165-6R8NC	6.8 ± 30%	1 KHz	0.019	4.60	4.30
SDRR10165-100MC	10 ± 20%	1 KHz	0.025	4.10	3.80
SDRR10165-150MC	15 ± 20%	1 KHz	0.035	3.10	3.10
SDRR10165-220MC	22 ± 20%	1 KHz	0.059	2.70	2.40

NOTES:

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

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