

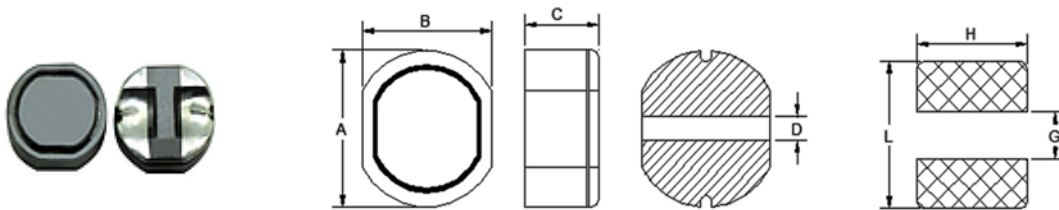
Features

- 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 : 500 pcs/reel

Type	A	B	C	D	L	G	H
SDR105	10.0 ± 0.4	9.0 ± 0.4	5.9 Max	2.50	11.20	2.00	9.50

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated (A) max.
SDR105-100MC	10 ± 20%	100	0.060	2.06
SDR105-120MC	12 ± 20%	100	0.070	1.94
SDR105-150MC	15 ± 20%	100	0.074	1.72
SDR105-180MC	18 ± 20%	100	0.080	1.58
SDR105-220MC	22 ± 20%	100	0.083	1.42
SDR105-270MC	27 ± 20%	100	0.100	1.32
SDR105-330MC	33 ± 20%	100	0.110	1.16
SDR105-390MC	39 ± 20%	100	0.140	1.00
SDR105-470MC	47 ± 20%	100	0.140	1.00
SDR105-560MC	56 ± 20%	100	0.190	0.93
SDR105-680MC	68 ± 20%	100	0.210	0.85
SDR105-820MC	82 ± 20%	100	0.280	0.79
SDR105-101MC	100 ± 20%	100	0.340	0.82
SDR105-121MC	120 ± 20%	100	0.510	0.55
SDR105-151MC	150 ± 20%	100	0.570	0.50
SDR105-181MC	180 ± 20%	100	0.780	0.47
SDR105-221MC	220 ± 20%	100	0.780	0.47
SDR105-271MC	270 ± 20%	100	0.870	0.41
SDR105-331MC	330 ± 20%	100	1.200	0.37
SDR105-391MC	390 ± 20%	100	1.340	0.35
SDR105-471MC	470 ± 20%	100	1.500	0.33
SDR105-561MC	560 ± 20%	100	1.700	0.25

NOTES:

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