

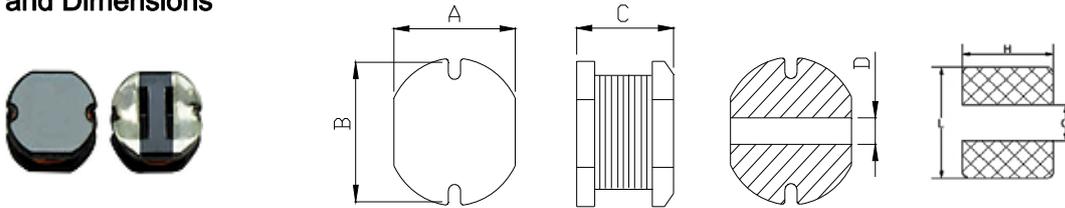
Features

- Excellent solderability and high heat resistance.
- Excellent terminal strength construction.
- Surface mount inductor with high current rating.
- Packed in embossed carrier tape suitable for automation mount machine.

Applications

- Ideally used in Mobilephone, PDA, MP3 DVC, Portable DVD etc.. as DC-DC converter inductors.

Shapes and Dimensions



Packing Q'ty : 2,000 pcs/reel

Type	A	B	C	D	L	G	H
SD32	3.0 ± 0.3	3.5 ± 0.3	2.1 ± 0.3	1.0	3.9	1.0	3.2

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated (A) max.
SD32-2R2MC	2.2 ± 20%	100	0.080	1.80
SD32-2R7MC	2.7 ± 20%	100	0.110	1.70
SD32-3R3MC	3.3 ± 20%	100	0.130	1.60
SD32-4R7MC	4.7 ± 20%	100	0.170	1.50
SD32-5R6MC	5.6 ± 20%	100	0.185	1.20
SD32-6R8MC	6.8 ± 20%	100	0.200	1.05
SD32-8R2MC	8.2 ± 20%	100	0.220	0.90
SD32-100MC	10 ± 20%	100	0.230	0.76
SD32-120MC	12 ± 20%	100	0.270	0.68
SD32-150MC	15 ± 20%	100	0.310	0.63
SD32-180MC	18 ± 20%	100	0.410	0.52
SD32-220MC	22 ± 20%	100	0.470	0.50
SD32-270MC	27 ± 20%	100	0.660	0.40
SD32-330MC	33 ± 20%	100	0.760	0.38
SD32-390MC	39 ± 20%	100	0.850	0.35
SD32-470MC	47 ± 20%	100	0.970	0.33
SD32-560MC	56 ± 20%	100	1.250	0.29
SD32-680MC	68 ± 20%	100	1.450	0.27
SD32-820MC	82 ± 20%	100	1.850	0.23
SD32-101KC	100 ± 10%	100	2.200	0.22
SD32-121KC	120 ± 10%	100	2.900	0.18
SD32-151KC	150 ± 10%	100	3.400	0.17
SD32-181KC	180 ± 10%	100	3.900	0.16
SD32-221KC	220 ± 10%	100	4.500	0.15
SD32-271KC	270 ± 10%	100	6.000	0.13
SD32-331KC	330 ± 10%	100	7.000	0.12
SD32-391KC	390 ± 10%	100	7.800	0.11

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