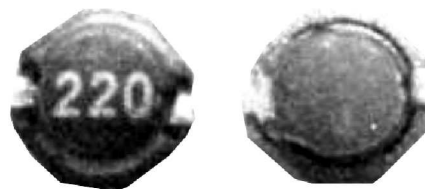


SDBT Series

SDBT 0502 Type

FEATURES

- ◎ Low profile (2.0mm) and 5.0mm square.
- ◎ Magnetically shielded and low DC resistance.
- ◎ Suitable for large currents.
- ◎ Ideal for a variety of DC-DC converter inductor applications.



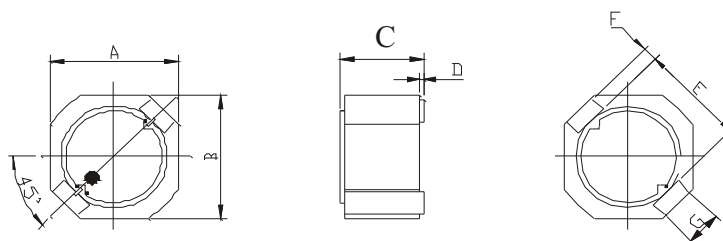
ELECTRICAL CHARACTERISTICS

- ◎ Tested at 100KHz~1MKHZ.
- ◎ Inductance drop = 30% typ. at rated IDC
- ◎ Operating temperature range -25°C ~ +85°C

STANDARD ELECTRICAL SPECIFICATION

Part number	Inductance [μ H]	Inductance Tolerance	DC Resistance [Ω] (max.)	I.D.C [A] (max.)
1R2	1.2	$\pm 20\%$	37	2.15
2R2	2.2		49	1.63
3R5	3.5		61	1.34
4R7	4.7		72	1.14
6R8	6.8		84	0.95
100	10		125	0.76
150	15		175	0.63
220	22		230	0.52
330	33		375	0.42
470	47		605	0.36
680	68		780	0.30
101	100		1250	0.24

CONSTRUCTION



DIMENSIONS : mm

A	B	C	D	E	F	G
5.0 MAX	5.0 MAX	2.0 max.	0.15	4.2	0.6	1.4