

SDBT Series

SDBT 0503B Type (hi-current)

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.



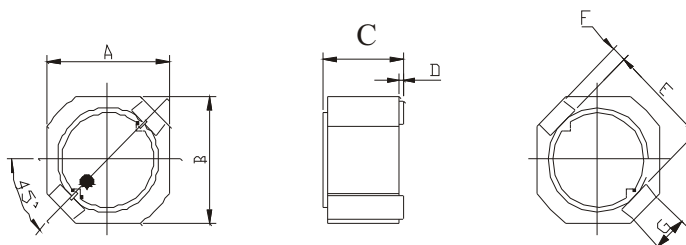
ELECTRICAL CHARACTERISTICS

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

STANDARD ELECTRICAL SPECIFICATION (High current Type)

Part number	Inductance [μ H]	Inductance Tolerance	DC Resistance [Ω] (max.)	I.D.C [A] (max.)
1R1	1.1	20%	16	3.87
2R0	2.0		22	2.92
3R3	3.3		29	2.36
4R7	4.7		38	1.87
6R8	6.8		57	1.51
100	10		75	1.33
150	15		118	1.05
220	22		173	0.86
330	33		214	0.72
470	47		293	0.62
680	68		437	0.51
101	100		667	0.43

CONSTRUCTION



DIMENSIONS : mm

A	B	C	D	E	F	G
5.0 MAX	5.0 MAX	3.0 max.	0.15	4.2	0.6	1.4