

SDBT Series

# SDBT 0503 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.



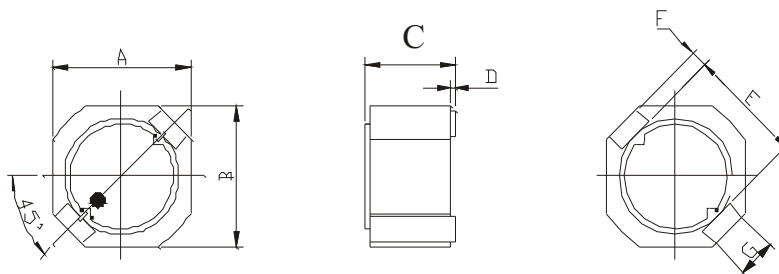
**ELECTRICAL CHARACTERISTICS**

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

**STANDARD ELECTRICAL SPECIFICATION (Low DC resistance Type)**

Part number	Inductance [μH]	Inductance Tolerance	DC Resistance [ ] (max.)	I.D.C [A] (max.)
4R7	4.7	20%	29	1.19
6R8	6.8		42	0.99
100	10		56	0.82
150	15		81	0.67
220	22		112	0.56
330	33		172	0.45
470	47		224	0.38
680	68		309	0.31
101	100		474	0.26
151	150		785	0.21
221	220		995	0.18

**CONSTRUCTION**



**DIMENSIONS : mm**

A	B	C	D	E	F	G
5.0 MAX	5.0 MAX	2.5 MAX.	0.15	4.2	0.6	1.4