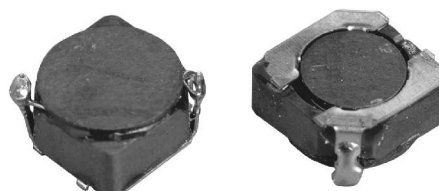


SDBS Series

SDBS 0603 Type

FEATURES

- ⊙ Low profile.
- ⊙ Magnetically shielded.
- ⊙ Available on tape and reel for auto-insertion.
- ⊙ Ideal for a variety of DC-DC converter inductor applications.



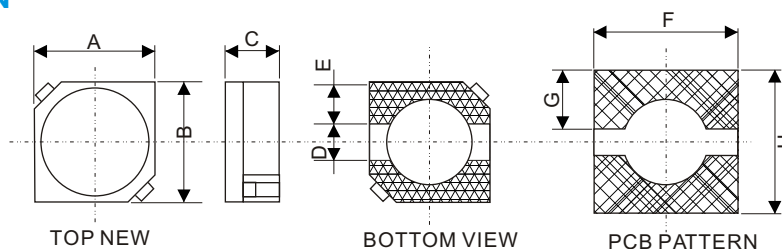
ELECTRICAL CHARACTERISTICS

- ⊙ Tested at 10 kHz.
- ⊙ 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.)
2R6	2.6	$\pm 30\%$	0.018	2.60
3R0	3.0		0.024	2.40
4R2	4.2		0.031	2.20
5R3	5.3		0.038	1.90
6R2	6.2		0.045	1.80
8R2	8.2		0.053	1.60
100	100		0.065	1.30
120	120		0.076	1.20
150	150		0.103	1.10
180	180		0.110	1.00
220	220		0.122	0.90
270	270		0.175	0.85
330	330		0.189	0.75
390	390		0.212	0.70
470	470		0.260	0.62
560	560		0.305	0.58
680	680		0.355	0.52
820	820		0.463	0.46
101	100.0		0.520	0.42

CONSTRUCTION



DIMENSIONS : mm

A	B	C	D	E	F	G	H
5.7 $\pm$ 0.3	5.7 $\pm$ 0.3	3.0 max.	2.0	1.75	5.7	1.85	5.7