

UNSHIELDED SMD HIGH CURRENT POWER INDUCTORS / BS TYPE

FEATURES

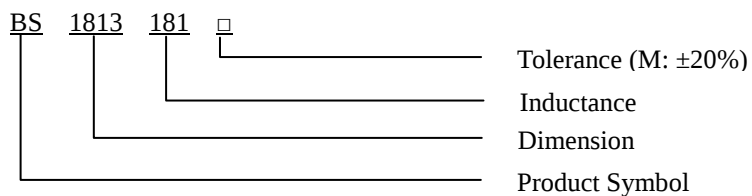
- ◆ Miniature surface mount design.
- ◆ High power, High saturation inductors.
- ◆ Very low resistance.
- ◆ Ideal inductors for DC-DC conversion.



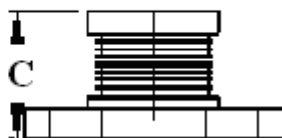
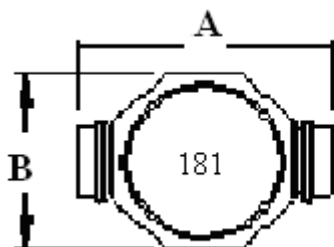
APPLICATIONS

- ◆ Portable telephones.
- ◆ Personal computers.
- ◆ DC/DC converters, etc.
- ◆ Other various electronic appliances.

ORDERING CODE



DIMENSIONS: (UNIT: mm)



A	8.89 (MAX)	m/m
B	6.10 (MAX)	m/m
C	5.08 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR BS1813

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
BS1813-R18 □	0.18	0.010	20.00
BS1813-R33 □	0.33	0.010	20.00
BS1813-R47 □	0.47	0.010	20.00
BS1813-R56 □	0.56	0.010	20.00
BS1813-R60 □	0.60	0.014	20.00
BS1813-1R0 □	1.00	0.020	18.00
BS1813-1R2 □	1.20	0.020	16.00
BS1813-1R6 □	1.60	0.021	14.00
BS1813-2R2 □	2.20	0.030	12.40
BS1813-3R3 □	3.30	0.040	9.00
BS1813-6R8 □	6.80	0.090	6.00
BS1813-100 □	10	0.110	5.60
BS1813-150 □	15	0.200	4.00
BS1813-220 □	22	0.250	3.75
BS1813-330 □	33	0.300	3.00
BS1813-470 □	47	0.470	2.40
BS1813-101 □	100	1.110	1.30
BS1813-181 □	180	2.000	1.00
BS1813-331 □	330	3.500	0.55

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 100KHZ/0.1V