

UNSHIELDED SMD HIGH CURRENT POWER INDUCTORS / BS TYPE

FEATURES

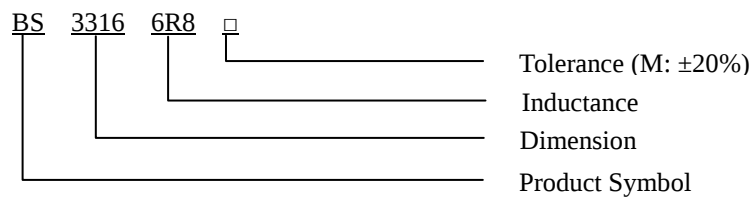
- ◆ Miniature surface mount design.
- ◆ High power, High saturation inductors.
- ◆ Very low resistance.
- ◆ Ideal inductors for DC-DC conversion.



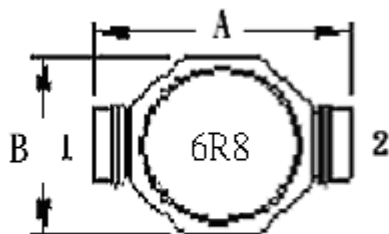
APPLICATIONS

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

ORDERING CODE



DIMENSIONS: (UNIT: mm)



A	13.21 (MAX)	m/m
B	9.91 (MAX)	m/m
C	6.35 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR BS3316

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
BS3316-R33 □	0.33	0.005	20.0
BS3316-R68 □	0.68	0.020	20.0
BS3316-1R0 □	1.00	0.020	15.0
BS3316-1R5 □	1.50	0.020	13.0
BS3316-2R2 □	2.20	0.030	11.5
BS3316-3R3 □	3.30	0.035	9.0
BS3316-4R7 □	4.70	0.040	8.0
BS3316-6R8 □	6.80	0.045	6.4
BS3316-100 □	10	0.050	5.6
BS3316-150 □	15	0.060	4.3
BS3316-330 □	33	0.120	3.0
BS3316-470 □	47	0.170	2.5
BS3316-680 □	68	0.220	2.0
BS3316-101 □	100	0.280	1.5
BS3316-151 □	150	0.400	1.4
BS3316-221 □	220	0.610	0.9
BS3316-331 □	330	1.100	0.85
BS3316-471 □	470	1.800	0.8
BS3316-681 □	680	1.900	0.4
BS3316-102 □	1000	3.200	0.3
BS3316-152 □	1500	5.000	0.1

* 100uH 以上 Test Frequency : 1KHZ/1V

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