

UNSHIELDED SMD HIGH CURRENT POWER INDUCTORS / BS TYPE

FEATURES

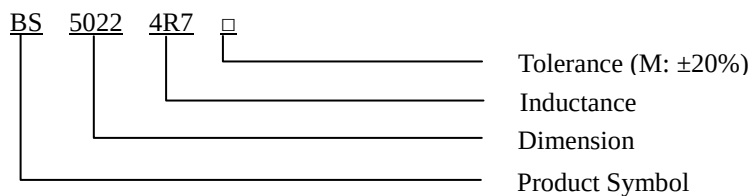
- ◆ Miniature surface mount design.
- ◆ High power, High saturation inductors.
- ◆ Very low resistance.
- ◆ Ideal inductors for DC-DC conversion.



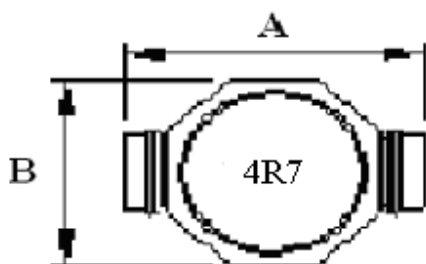
APPLICATIONS

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

ORDERING CODE



DIMENSIONS: (UNIT: mm)



A	22.35 (MAX)	m/m
B	16.26 (MAX)	m/m
C	7.87 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR BS5022

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
BS5022-R78 □	0.78	0.004	30.0
BS5022-1R5 □	1.50	0.010	20.0
BS5022-2R2 □	2.20	0.016	20.0
BS5022-3R3 □	3.30	0.018	20.0
BS5022-4R7 □	4.70	0.025	20.0
BS5022-100 □	10	0.030	14.5
BS5022-120 □	12	0.033	13.6
BS5022-150 □	15	0.036	12.0
BS5022-470 □	47	0.087	7.0
BS5022-680 □	68	0.122	6.0
BS5022-151 □	150	0.250	4.0
BS5022-221 □	220	0.330	3.5
BS5022-331 □	330	0.490	2.5

* 100uH 以上 Test Frequency : 1KHZ/1V

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