

SPECIFICATION OF BSF□□□□RHGS SERIES

FEATURES

To be high saturation for surface mounting.



APPLICATIONS

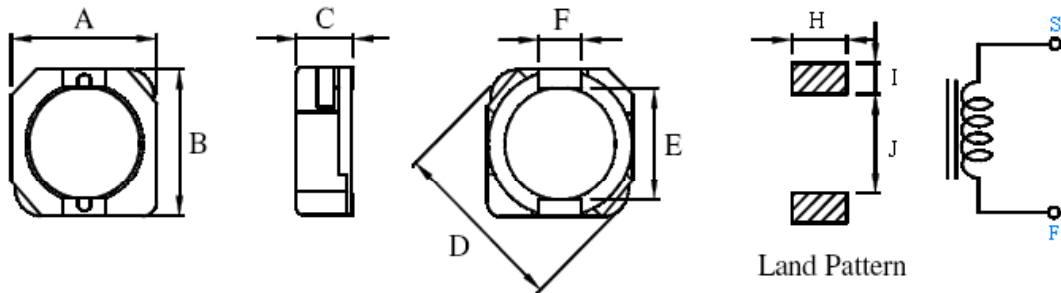
OA equipment , VTR , LCD television set ,
notebook PC , portable communication
equipments DC to DC converters , etc.



ORDERING CODE

BSF1003RHGS **100** **M** **T**
 (1) (2) (3) (4)

- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A (max)	B (max)	C (max)	D (max)	E ±0.3	F ±0.1	H	I	J
BSF1003RHGS	10.3	10.4	3.0	13.5	7.7	3.0	3.6	1.7	7.3
BSF1004RHGS	10.3	10.4	4.0	13.5	7.7	3.0	3.6	1.7	7.3
BSF1005RHGS	10.3	10.4	5.0	13.5	7.7	3.0	3.6	1.7	7.3

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

SMD POWER INDUCTORS → BSF1003RHGS SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF1003RHGS100MT	10.0	100	0.0581	2.70
BSF1003RHGS120MT	12.0	100	0.0721	2.25
BSF1003RHGS150MT	15.0	100	0.0865	2.22
BSF1003RHGS180MT	18.0	100	0.1161	1.90
BSF1003RHGS220MT	22.0	100	0.1454	1.78
BSF1003RHGS270MT	27.0	100	0.1759	1.63
BSF1003RHGS330MT	33.0	100	0.2134	1.46
BSF1003RHGS390MT	39.0	100	0.2689	1.32
BSF1003RHGS470MT	47.0	100	0.2986	1.18
BSF1003RHGS560MT	56.0	100	0.3358	1.10
BSF1003RHGS680MT	68.0	100	0.4513	1.04
BSF1003RHGS820MT	82.0	100	0.5138	0.94
BSF1003RHGS101MT	100.0	100	0.7000	0.84
BSF1003RHGS121MT	120.0	100	0.7650	0.76
BSF1003RHGS151MT	150.0	100	0.8763	0.70

Test Freq.:100KHz/1V

Tolerance : M \pm 20% ,N \pm 30%

※Isat: Based on Inductance decrease 35%

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