

# SPECIFICATION OF BSF□□□□RHGS SERIES

## FEATURES

To be high saturation for surface mounting.



## APPLICATIONS

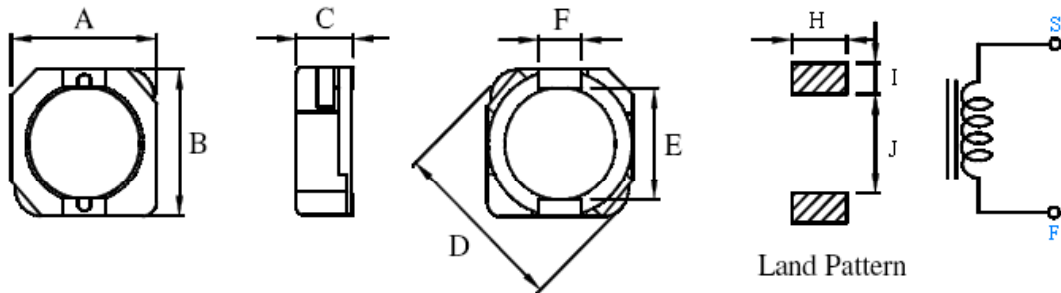
OA equipment , VTR , LCD television set ,  
notebook PC , portable communication  
equipments DC to DC converters , etc.



## ORDERING CODE

**BSF1004RHGS**   100   M   I  
(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 → BSF1004RHGS SERIES

## ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance ( $\mu$ H)	Test Frequency (KHz)	DC Resistance ( $\Omega$ )max	Isat (A)max
BSF1004RHGS1R3NT	1.3	100	0.0081	10.00
BSF1004RHGS2R5NT	2.5	100	0.0100	7.50
BSF1004RHGS3R8NT	3.8	100	0.0130	6.00
BSF1004RHGS5R2NT	5.2	100	0.0220	5.50
BSF1004RHGS7R0NT	7.0	100	0.0270	4.80
BSF1004RHGS100MT	10.0	100	0.0350	4.40
BSF1004RHGS150MT	15.0	100	0.0500	3.60
BSF1004RHGS220MT	22.0	100	0.0730	2.90
BSF1004RHGS330MT	33.0	100	0.0930	2.30
BSF1004RHGS470MT	47.0	100	0.1280	2.10
BSF1004RHGS680MT	68.0	100	0.2130	1.50
BSF1004RHGS101MT	100.0	100	0.3040	1.35
BSF1004RHGS151MT	150.0	100	0.5060	1.15
BSF1004RHGS221MT	220.0	100	0.7560	0.92
BSF1004RHGS331MT	330.0	100	1.0900	0.70

Test Freq.:100KHz/1V

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

※Isat: Based on Inductance decrease 35%

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