

SPECIFICATION OF BSF□□□□RHSU SERIES

FEATURES

To be high saturation for surface mounting.



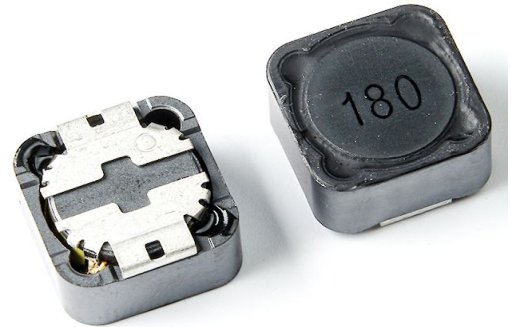
APPLICATIONS

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



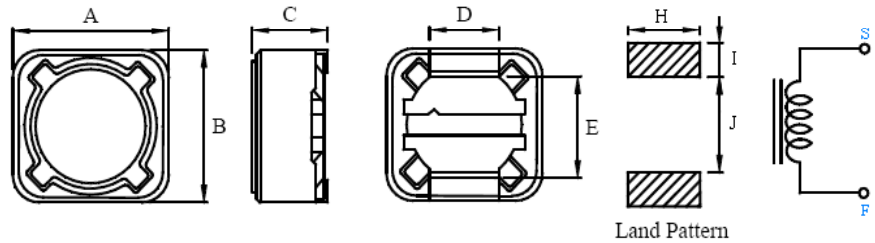
ORDERING CODE

BSF1204RHSU 100 M T
(1) (2) (3) (4)

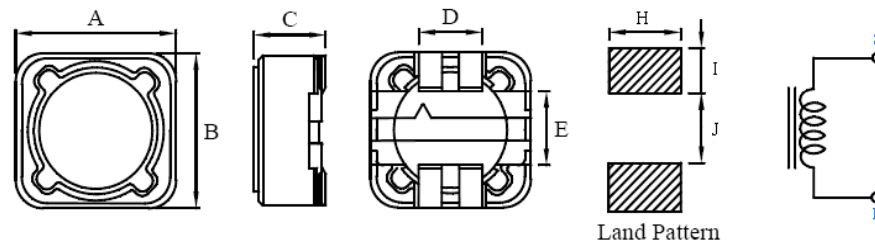


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

**0703 0704
Series**



**1204 1205 1207
1209 Series**



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A (max)	B (max)	C (max)	D ±0.2	E ±0.2	H	I	J
BSF0703RHSU	7.5	7.5	3.4	2.7	5.1	3.1	1.6	4.8
BSF0704RHSU	7.5	7.5	4.5	2.7	5.1	3.1	1.6	4.8
BSF1204RHSU	12.3	12.3	4.5	5.0	7.6	5.4	2.8	7.0
BSF1205RHSU	12.3	12.3	6.0	5.0	7.6	5.4	2.8	7.0
BSF1207RHSU	12.3	12.3	8.0	5.0	7.6	5.4	2.9	7.0
BSF1209RHSU	12.2±0.3	12.2±0.3	10.0	5.0	7.6	5.4	2.9	7.0

※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 → BSF1204RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF1204RHSU3R9NT	3.9	100	0.015	6.50
BSF1204RHSU4R7NT	4.7	100	0.018	5.70
BSF1204RHSU6R8NT	6.8	100	0.023	4.90
BSF1204RHSU8R2NT	8.2	100	0.026	4.60
BSF1204RHSU100MT	10.0	100	0.028	4.50
BSF1204RHSU120MT	12.0	100	0.038	4.00
BSF1204RHSU150MT	15.0	100	0.050	3.20
BSF1204RHSU180MT	18.0	100	0.057	3.10
BSF1204RHSU220MT	22.0	100	0.066	2.90
BSF1204RHSU270MT	27.0	100	0.080	2.80
BSF1204RHSU330MT	33.0	100	0.097	2.70
BSF1204RHSU390MT	39.0	100	0.132	2.10
BSF1204RHSU470MT	47.0	100	0.160	1.90
BSF1204RHSU560MT	56.0	100	0.190	1.80
BSF1204RHSU680MT	68.0	100	0.220	1.50
BSF1204RHSU820MT	82.0	100	0.260	1.30
BSF1204RHSU101MT	100.0	100	0.308	1.20
BSF1204RHSU121MT	120.0	100	0.380	1.10
BSF1204RHSU151MT	150.0	100	0.530	0.95
BSF1204RHSU181MT	180.0	100	0.620	0.85
BSF1204RHSU221MT	220.0	100	0.700	0.80
BSF1204RHSU271MT	270.0	100	0.870	0.60
BSF1204RHSU331MT	330.0	100	0.990	0.50

Test Freq.:100KHz / 0.1V

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

※Isat: Based on Inductance decrease 25%

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