

SPECIFICATION OF BSF□□□RHSU SERIES

FEATURES

To be high saturation for surface mounting.



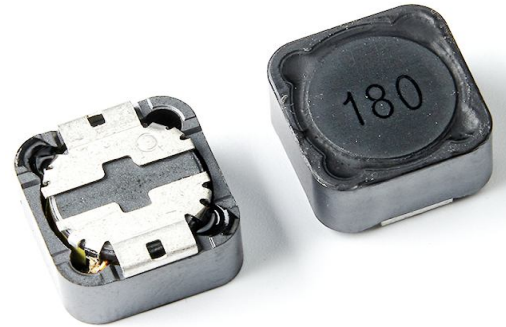
APPLICATIONS

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



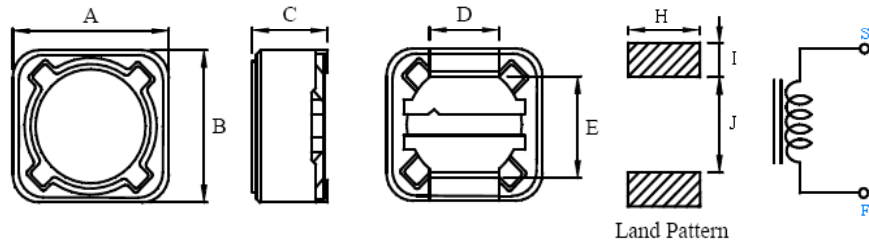
ORDERING CODE

BSF1207RHSU **100** **M** **T**
(1) (2) (3) (4)

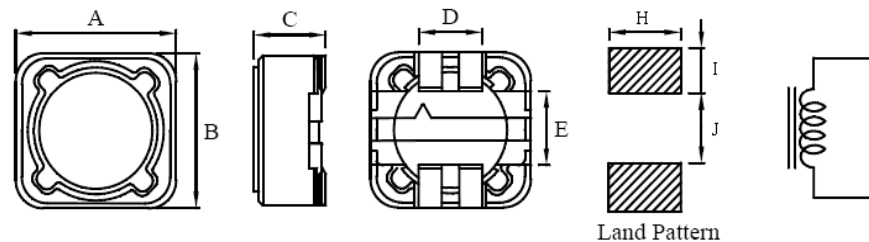


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

**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 → BSF1207RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF1207RHSU1R2NT	1.2	100	0.0070	9.80
BSF1207RHSU2R4NT	2.4	100	0.0115	8.00
BSF1207RHSU3R5NT	3.5	100	0.0135	7.50
BSF1207RHSU4R7NT	4.7	100	0.0158	6.80
BSF1207RHSU6R1NT	6.1	100	0.0176	6.60
BSF1207RHSU7R6NT	7.6	100	0.0200	5.90
BSF1207RHSU100MT	10.0	1	0.0216	5.40
BSF1207RHSU120MT	12.0	1	0.0243	4.90
BSF1207RHSU150MT	15.0	1	0.0270	4.50
BSF1207RHSU180MT	18.0	1	0.0392	3.90
BSF1207RHSU220MT	22.0	1	0.0432	3.60
BSF1207RHSU270MT	27.0	1	0.0459	3.40
BSF1207RHSU330MT	33.0	1	0.0648	3.00
BSF1207RHSU390MT	39.0	1	0.0729	2.75
BSF1207RHSU470MT	47.0	1	0.1000	2.50
BSF1207RHSU560MT	56.0	1	0.1100	2.35
BSF1207RHSU680MT	68.0	1	0.1400	2.10
BSF1207RHSU820MT	82.0	1	0.1600	1.95
BSF1207RHSU101MT	100.0	1	0.2200	1.70
BSF1207RHSU121MT	120.0	1	0.2500	1.60
BSF1207RHSU151MT	150.0	1	0.2800	1.42
BSF1207RHSU181MT	180.0	1	0.3500	1.30
BSF1207RHSU221MT	220.0	1	0.3900	1.16
BSF1207RHSU271MT	270.0	1	0.5600	1.06
BSF1207RHSU331MT	330.0	1	0.6400	0.95
BSF1207RHSU391MT	390.0	1	0.7000	0.88
BSF1207RHSU471MT	470.0	1	0.9800	0.79
BSF1207RHSU561MT	560.0	1	1.0700	0.73
BSF1207RHSU681MT	680.0	1	1.4600	0.67
BSF1207RHSU821MT	820.0	1	1.6400	0.60
BSF1207RHSU102MT	1000.0	1	1.8200	0.55

Test Freq.: 1.2 ~ 7.6 μH (100KHz / 0.1V) , 10 ~ 1000 μH (1KHz / 0.25V)

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

※Isat: Based on Inductance decrease 10%

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KING CORE ELECTRONICS INC.
Tel:886-3-4698855 Fax:886-3-4691395

No.269,Nanfong Rd.,Pingjhen City,Taoyuan County, Taiwan
E-mail:kc@mail.kingcore.com.tw Web Site:http://www.kingcore.com.tw