

SPECIFICATION OF BSF□□□□RHSU SERIES

FEATURES

To be high saturation for surface mounting.



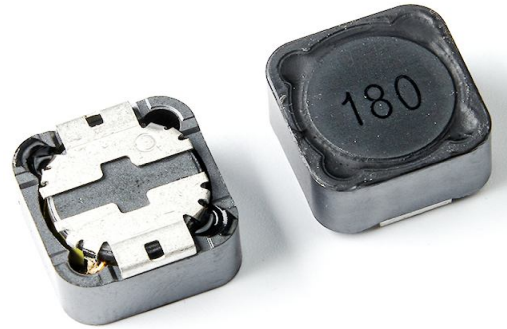
APPLICATIONS

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



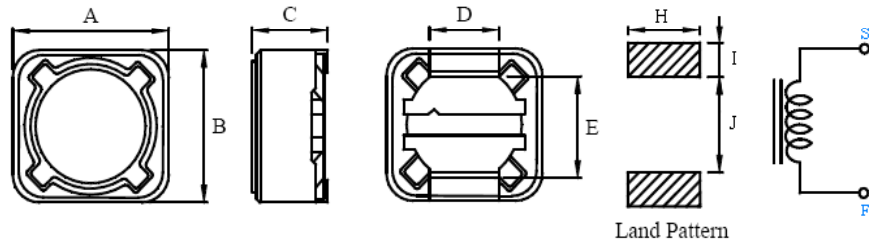
ORDERING CODE

BSF1209RHSU 100 M T
 (1) (2) (3) (4)

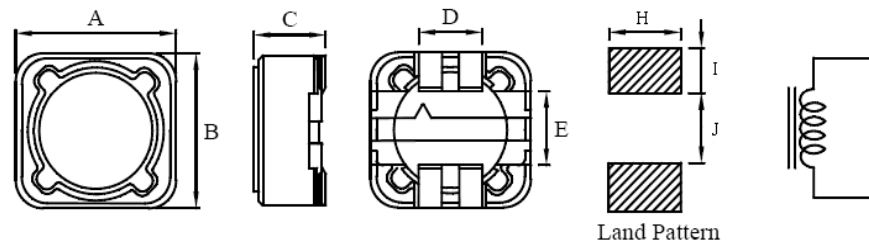


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

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 → BSF1209RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF1209RHSU1R5NT	1.5	100	0.0047	16.00
BSF1209RHSU2R4NT	2.4	100	0.0057	15.00
BSF1209RHSU3R3NT	3.3	100	0.0086	14.00
BSF1209RHSU5R0NT	5.0	100	0.0105	11.00
BSF1209RHSU6R8NT	6.8	100	0.0132	10.00
BSF1209RHSU8R2NT	8.2	100	0.0153	8.20
BSF1209RHSU100MT	10.0	1	0.0180	7.50
BSF1209RHSU120MT	12.0	1	0.0197	7.00
BSF1209RHSU150MT	15.0	1	0.0242	6.00
BSF1209RHSU180MT	18.0	1	0.0312	5.50
BSF1209RHSU220MT	22.0	1	0.0390	5.00
BSF1209RHSU270MT	27.0	1	0.0450	4.50
BSF1209RHSU330MT	33.0	1	0.0500	4.00
BSF1209RHSU390MT	39.0	1	0.0592	3.80
BSF1209RHSU470MT	47.0	1	0.0689	3.50
BSF1209RHSU560MT	56.0	1	0.0790	3.20
BSF1209RHSU680MT	68.0	1	0.0878	3.00
BSF1209RHSU820MT	82.0	1	0.1100	2.60
BSF1209RHSU101MT	100.0	1	0.1400	2.20
BSF1209RHSU121MT	120.0	1	0.1600	2.00
BSF1209RHSU151MT	150.0	1	0.2000	1.80
BSF1209RHSU181MT	180.0	1	0.2700	1.60
BSF1209RHSU221MT	220.0	1	0.3000	1.50
BSF1209RHSU271MT	270.0	1	0.4000	1.30
BSF1209RHSU331MT	330.0	1	0.4500	1.20
BSF1209RHSU391MT	390.0	1	0.5500	1.10
BSF1209RHSU471MT	470.0	1	0.6000	1.00
BSF1209RHSU561MT	560.0	1	0.7000	0.90
BSF1209RHSU681MT	680.0	1	0.8400	0.82
BSF1209RHSU821MT	820.0	1	1.0600	0.80
BSF1209RHSU102MT	1000.0	1	1.2700	0.76

Test Freq.: 1.5 ~ 8.2 μ H (100KHz / 0.1V) , 10 ~ 1000 μ H (1KHz / 0.25V)

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

※Isat: Based on Inductance decrease 10%

※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.



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