

SPECIFICATION OF BSF□□□□RHSU SERIES

FEATURES

To be high saturation for surface mounting.



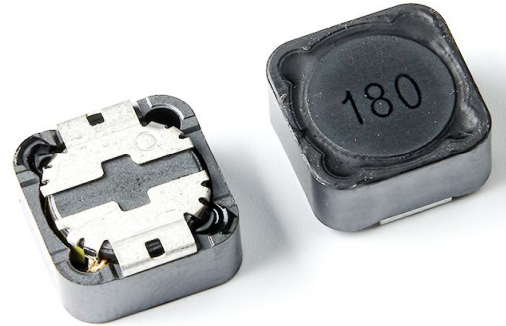
APPLICATIONS

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



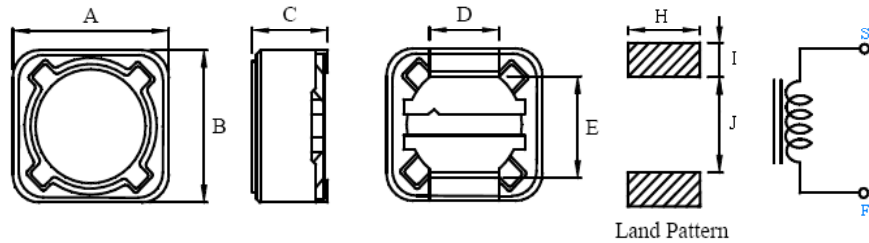
ORDERING CODE

BSF0703RHSU **100** **M** **T**
 (1) (2) (3) (4)

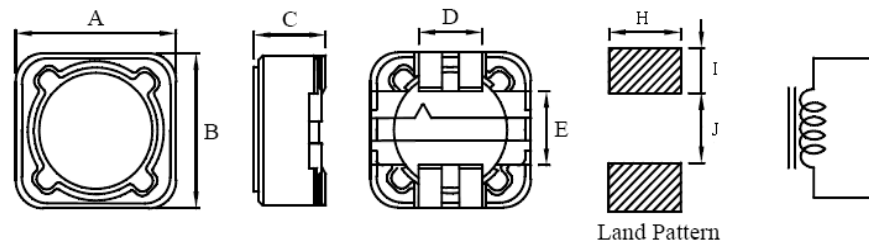


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

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 → BSF0703RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF0703RHSU100MT	10.0	1	0.072	1.68
BSF0703RHSU120MT	12.0	1	0.098	1.52
BSF0703RHSU150MT	15.0	1	0.130	1.33
BSF0703RHSU180MT	18.0	1	0.140	1.20
BSF0703RHSU220MT	22.0	1	0.190	1.07
BSF0703RHSU270MT	27.0	1	0.210	0.96
BSF0703RHSU330MT	33.0	1	0.240	0.91
BSF0703RHSU390MT	39.0	1	0.320	0.77
BSF0703RHSU470MT	47.0	1	0.360	0.76
BSF0703RHSU560MT	56.0	1	0.470	0.68
BSF0703RHSU680MT	68.0	1	0.520	0.61
BSF0703RHSU820MT	82.0	1	0.690	0.57
BSF0703RHSU101MT	100.0	1	0.790	0.50
BSF0703RHSU121MT	120.0	1	0.890	0.49
BSF0703RHSU151MT	150.0	1	1.270	0.43
BSF0703RHSU181MT	180.0	1	1.450	0.39
BSF0703RHSU221MT	220.0	1	1.650	0.35
BSF0703RHSU271MT	270.0	1	2.310	0.32
BSF0703RHSU331MT	330.0	1	2.620	0.28
BSF0703RHSU391MT	390.0	1	2.940	0.26
BSF0703RHSU471MT	470.0	1	4.180	0.24
BSF0703RHSU561MT	560.0	1	4.670	0.22
BSF0703RHSU681MT	680.0	1	5.730	0.19
BSF0703RHSU821MT	820.0	1	6.540	0.18
BSF0703RHSU102MT	1000.0	1	9.440	0.16

Test Freq.:1KHz / 0.25V

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

※Isat: Based on Inductance decrease 35%

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