

SPECIFICATION OF BSF□□□□RHSU SERIES

FEATURES

To be high saturation for surface mounting.



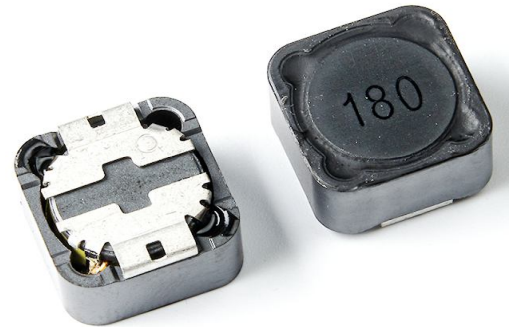
APPLICATIONS

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



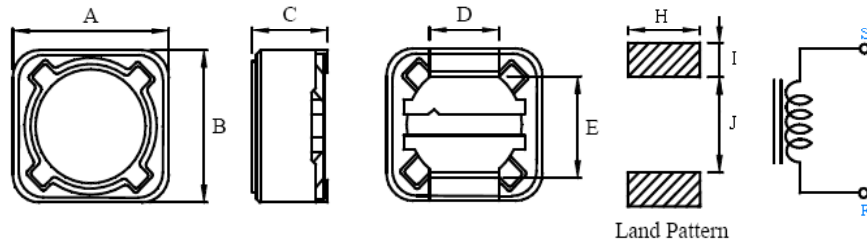
ORDERING CODE

BSF1205RHSU 100 M T
(1) (2) (3) (4)

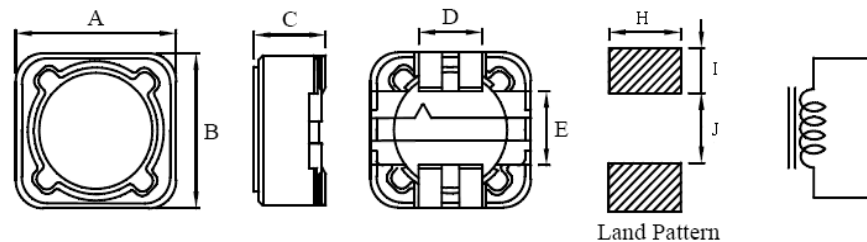


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

**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

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SMD POWER INDUCTORS → BSF1205RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF1205RHSU1R3NT	1.3	7.96M	0.012	8.00
BSF1205RHSU2R1NT	2.1	7.96M	0.014	7.00
BSF1205RHSU3R1NT	3.1	7.96M	0.017	6.00
BSF1205RHSU4R4NT	4.4	7.96M	0.020	5.00
BSF1205RHSU5R8NT	5.8	7.96M	0.021	4.40
BSF1205RHSU7R5NT	7.5	7.96M	0.024	4.20
BSF1205RHSU100MT	10.0	1K	0.025	4.00
BSF1205RHSU120MT	12.0	1K	0.027	3.50
BSF1205RHSU150MT	15.0	1K	0.030	3.30
BSF1205RHSU180MT	18.0	1K	0.034	3.00
BSF1205RHSU220MT	22.0	1K	0.036	2.80
BSF1205RHSU270MT	27.0	1K	0.051	2.30
BSF1205RHSU330MT	33.0	1K	0.057	2.10
BSF1205RHSU390MT	39.0	1K	0.068	2.00
BSF1205RHSU470MT	47.0	1K	0.075	1.80
BSF1205RHSU560MT	56.0	1K	0.110	1.70
BSF1205RHSU680MT	68.0	1K	0.120	1.50
BSF1205RHSU820MT	82.0	1K	0.140	1.40
BSF1205RHSU101MT	100.0	1K	0.160	1.30
BSF1205RHSU121MT	120.0	1K	0.170	1.10
BSF1205RHSU151MT	150.0	1K	0.230	1.00
BSF1205RHSU181MT	180.0	1K	0.290	0.90
BSF1205RHSU221MT	220.0	1K	0.400	0.80
BSF1205RHSU271MT	270.0	1K	0.460	0.75
BSF1205RHSU331MT	330.0	1K	0.510	0.68
BSF1205RHSU391MT	390.0	1K	0.690	0.65
BSF1205RHSU471MT	470.0	1K	0.770	0.58
BSF1205RHSU561MT	560.0	1K	0.860	0.54
BSF1205RHSU681MT	680.0	1K	1.200	0.48
BSF1205RHSU821MT	820.0	1K	1.340	0.43
BSF1205RHSU102MT	1000.0	1K	1.530	0.40

Test Freq.: 1.3 ~ 7.5 μ H (7.96MHz) , 10 ~ 1000 μ H (1KHz / 0.25V)

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

※Isat: Based on Inductance decrease 10%

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