

SPECIFICATION OF BSF□D□□RHSU SERIES

FEATURES

Compact and thin Large permissible DC current and low DC resistance.



APPLICATIONS

1. DC to DC converter of portable equipment.
2. Camcorder , LCD television set , Digital still camera , P.D.A. , Notebook.
3. Small size communication equipment.



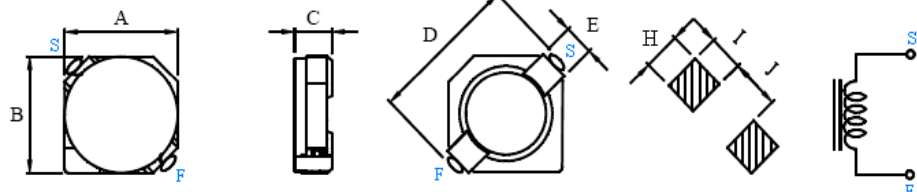
ORDERING CODE

BSF2D09RHSU **100** **N** **T**
 (1) (2) (3) (4)

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

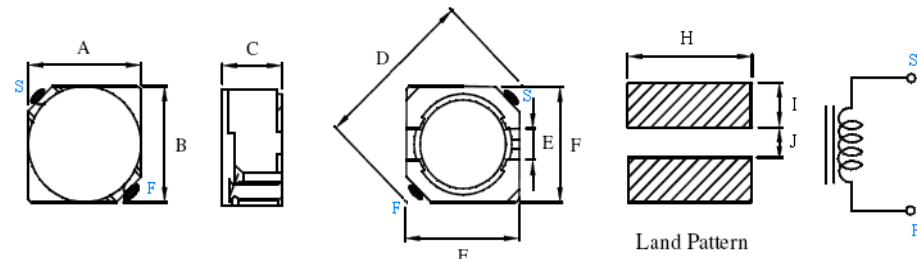


2D 3D



Land Pattern

4D 5D 6D



Land Pattern

T:mm

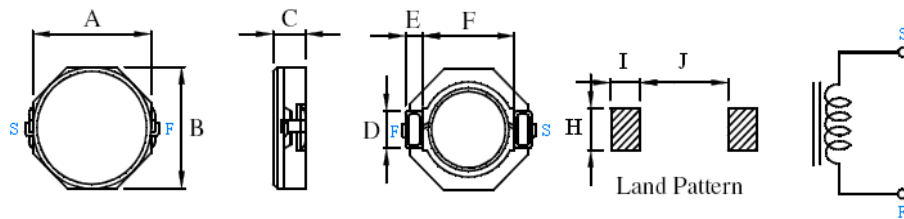
SHAPE & DIMENSIONS

SIZE CODE	A (max)	B (max)	C (max)	D (max)	E (Ref.)	F	H	I	J
BSF2D09RHSU	3.2	3.2	1.00	4.3	1.0	-	1.3	1.3	1.7
BSF2D11RHSU	3.2	3.2	1.20	4.3	1.0	-	1.3	1.3	1.7
BSF2D14RHSU	3.2	3.2	1.55	4.3	1.0	-	1.3	1.3	1.7
BSF2D18RHSU	3.2	3.2	2.00	4.3	1.0	-	1.3	1.3	1.7
BSF3D11RHSU	4.0	4.0	1.20	5.2	1.0	-	1.3	1.4	2.4
BSF3D16RHSU	4.0	4.0	1.80	5.2	1.0	-	1.3	1.4	2.4
BSF3D28RHSU	4.0	4.0	3.00	5.2	1.0	-	1.3	1.4	2.4
SIZE CODE	A ±0.3	B ±0.3	C (max)	D (max)	E (Ref.)	F (Ref.)	H	I	J
BSF4D18RHSU	4.7	4.7	2.0	6.9	1.5	4.5	5.3	1.90	1.5
BSF4D28RHSU	4.7	4.7	3.0	6.9	1.5	4.5	5.3	1.90	1.5
BSF5D18RHSU	5.7	5.7	2.0	8.2	2.0	5.5	6.3	2.15	2.0
BSF5D28RHSU	5.7	5.7	3.0	8.2	2.0	5.5	6.3	2.15	2.0
BSF6D28RHSU	6.7	6.7	3.0	9.5	2.0	6.5	7.3	2.65	2.0
BSF6D38RHSU	6.7	6.7	4.0	9.5	2.0	6.5	7.3	2.65	2.0

※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 → BSF□D□□RHSU SERIES

8D Series



UNIT:mm

SIZE CODE	A (max)	B (max)	C (max)	D (max)	E (Ref.)	F	H	I	J
BSF8D28RHSU	8.3	8.3	3.0	2.5	1.2	6.3	2.8	2.0	6.1
BSF8D43RHSU	8.3	8.3	4.5	2.5	1.2	6.3	2.8	2.0	6.1

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SMD POWER INDUCTORS → BSF2D09RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF2D09RHSU1R2NT	1.2	100	0.0975	0.80
BSF2D09RHSU1R5NT	1.5	100	0.1100	0.73
BSF2D09RHSU1R8NT	1.8	100	0.1310	0.65
BSF2D09RHSU2R2NT	2.2	100	0.1440	0.60
BSF2D09RHSU2R5NT	2.5	100	0.1500	0.53
BSF2D09RHSU3R0NT	3.0	100	0.1940	0.47
BSF2D09RHSU3R9NT	3.9	100	0.2250	0.45
BSF2D09RHSU4R7NT	4.7	100	0.2880	0.41
BSF2D09RHSU5R6NT	5.6	100	0.3250	0.37
BSF2D09RHSU6R8NT	6.8	100	0.4250	0.33
BSF2D09RHSU8R2NT	8.2	100	0.4750	0.30
BSF2D09RHSU100NT	10.0	100	0.5380	0.28

Test Freq.:100KHz/0.1V

Tolerance : N \pm 30%

※Isat:Based on Inductance decrease 35%

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