

# 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.

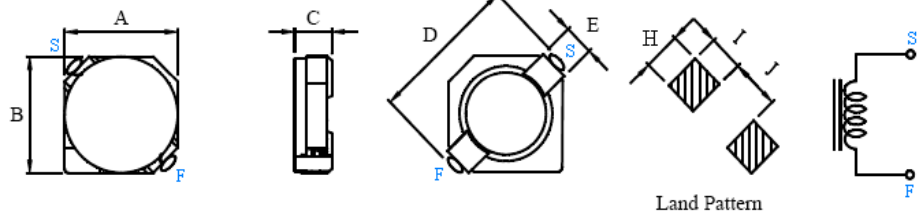


## ORDERING CODE

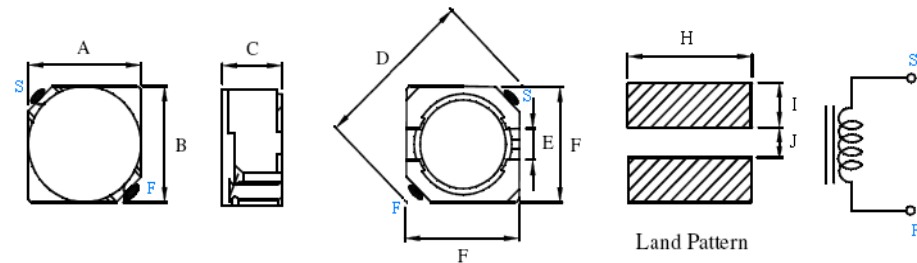
**BSF8D43RHSU**    **100**    **N**    **T**  
 (1)                    (2) (3) (4)

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

**2D 3D**



**4D 5D 6D**



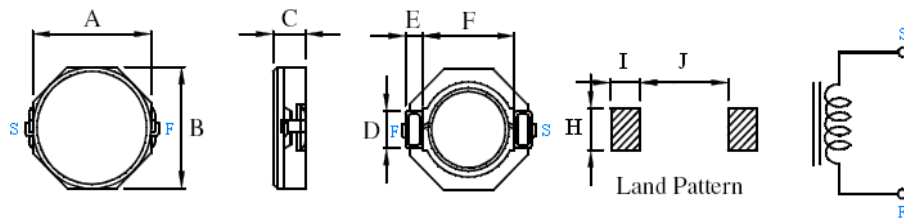
## SHAPE & DIMENSIONS

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 → BSF8D43RHSU SERIES

## ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance ( $\mu$ H)	Test Frequency (KHz)	DC Resistance ( $\Omega$ )max	Isat (A)max
BSF8D43RHSU2R0NT	2.0	100	0.0140	7.00
BSF8D43RHSU3R9NT	3.9	100	0.0190	5.90
BSF8D43RHSU4R7NT	4.7	100	0.0220	5.60
BSF8D43RHSU6R8NT	6.8	100	0.0250	4.40
BSF8D43RHSU100NT	10.0	100	0.0360	4.00
BSF8D43RHSU150NT	15.0	100	0.0530	2.90
BSF8D43RHSU220NT	22.0	100	0.0750	2.60
BSF8D43RHSU330NT	33.0	100	0.1250	2.20
BSF8D43RHSU470NT	47.0	100	0.1500	1.80
BSF8D43RHSU680NT	68.0	100	0.2400	1.50
BSF8D43RHSU101NT	100.0	100	0.3600	1.30

Test Freq.:100KHz/1V

Tolerance : N $\pm$  30%

※Isat:Based on Inductance decrease 35%

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