

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.

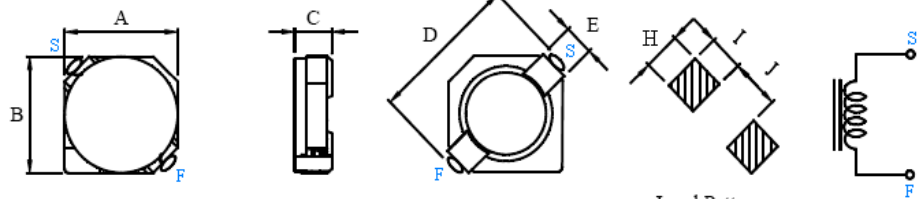


ORDERING CODE

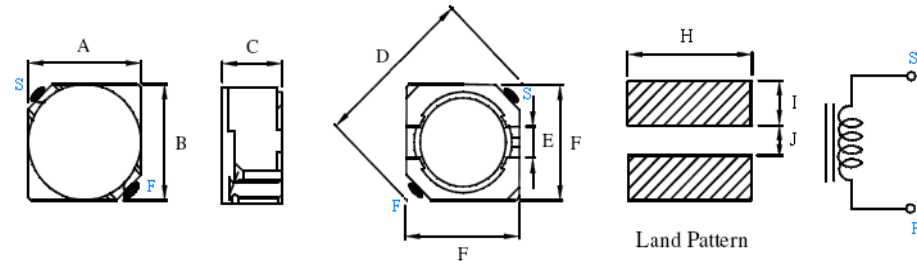
BSF4D28RHSU **100** **N** **T**
 (1) (2) (3) (4)

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

2D 3D



4D 5D 6D



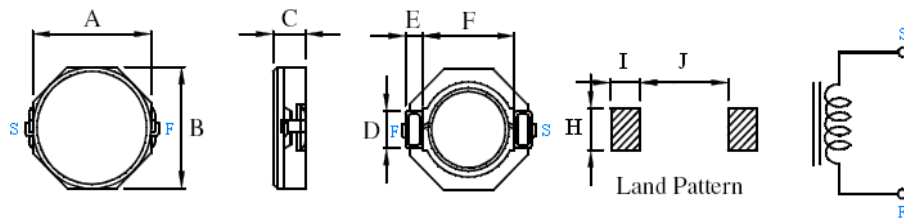
SHAPE & DIMENSIONS

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

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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 → BSF4D28RHSU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)max	Isat (A)max
BSF4D28RHSU1R2NT	1.2	100	0.0236	2.56
BSF4D28RHSU1R8NT	1.8	100	0.0275	2.20
BSF4D28RHSU2R2NT	2.2	100	0.0313	2.04
BSF4D28RHSU2R7NT	2.7	100	0.0433	1.60
BSF4D28RHSU3R3NT	3.3	100	0.0492	1.57
BSF4D28RHSU3R9NT	3.9	100	0.0648	1.44
BSF4D28RHSU4R7NT	4.7	100	0.0720	1.32
BSF4D28RHSU5R6NT	5.6	100	0.1009	1.17
BSF4D28RHSU6R8NT	6.8	100	0.1089	1.12
BSF4D28RHSU8R2NT	8.2	100	0.1175	1.04
BSF4D28RHSU100MT	10.0	100	0.1283	1.00
BSF4D28RHSU120MT	12.0	100	0.1316	0.84
BSF4D28RHSU150MT	15.0	100	0.1490	0.76
BSF4D28RHSU180MT	18.0	100	0.1660	0.72
BSF4D28RHSU220MT	22.0	100	0.2350	0.70
BSF4D28RHSU270MT	27.0	100	0.2610	0.58
BSF4D28RHSU330MT	33.0	100	0.3780	0.56
BSF4D28RHSU390MT	39.0	100	0.3837	0.50
BSF4D28RHSU470MT	47.0	100	0.5870	0.48
BSF4D28RHSU560MT	56.0	100	0.6245	0.41
BSF4D28RHSU680MT	68.0	100	0.6990	0.35
BSF4D28RHSU820MT	82.0	100	0.9148	0.32
BSF4D28RHSU101MT	100.0	100	1.0200	0.29
BSF4D28RHSU121MT	120.0	100	1.2700	0.27
BSF4D28RHSU151MT	150.0	100	1.3500	0.24
BSF4D28RHSU181MT	180.0	100	1.5400	0.22
BSF4D28RHSU221MT	220.0	100	1.7200	0.20
BSF4D28RHSU271MT	270.0	100	1.9500	0.16
BSF4D28RHSU331MT	330.0	100	2.6600	0.14
BSF4D28RHSU391MT	390.0	100	2.8300	0.13

Test Freq.:100KHz/0.1V

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

※Isat:Based on Inductance decrease 35%

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