

SPECIFICATION OF BSF□□□□DSCC SERIES

FEATURES

1. Magnetically shielded construction.
2. Compact and thin.



APPLICATIONS

Notebook , Cellular Phone , DC to DC converter
PDA , Communication products , VGA card.

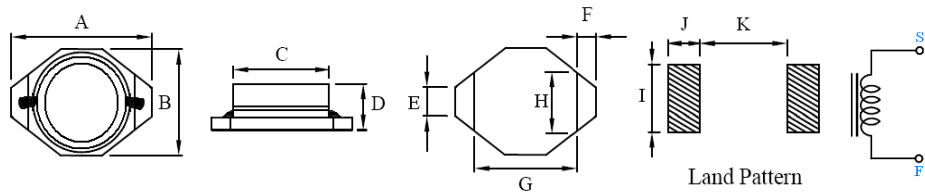
ORDERING CODE

BSF1306DSCC **100** **M** **T**
(1) (2) (3) (4)

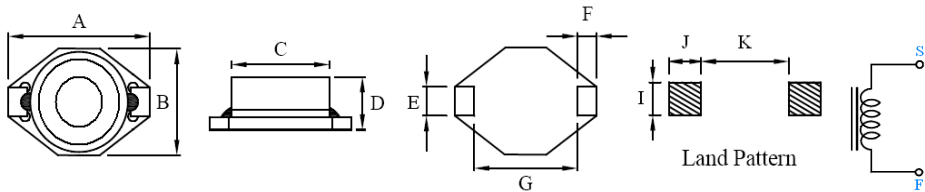


- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (M : ±20%, N : ±30%)
- (4) REEL TAPING

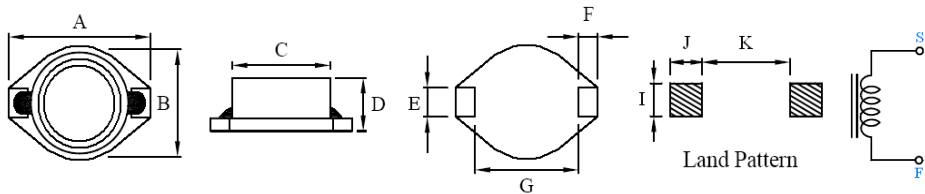
0402 Series



0804 Series



1306 Series



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A (max)	B (max)	C ±0.3	D (max)	E ±0.3	F ±0.3	G ±0.3	H ±0.3	I	J	K
BSF0402DSCC	6.60	4.45	4.00	2.92	1.27	1.02	4.32	2.50	3.56	1.40	4.06
BSF0804DSCC	12.95	9.40	8.38	5.08	2.54	2.54	7.62	-	2.79	2.92	7.37
BSF1306DSCC	18.54	15.24	12.70	7.62	2.54	2.54	12.70	-	2.79	2.92	12.45

※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 → BSF1306DSCC SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)max	IDC (A)max
BSF1306DSCC100MT	10.0	100	0.040	8.00
BSF1306DSCC150MT	15.0	100	0.048	7.00
BSF1306DSCC220MT	22.0	100	0.059	6.00
BSF1306DSCC330MT	33.0	100	0.075	5.00
BSF1306DSCC470MT	47.0	100	0.097	4.00
BSF1306DSCC680MT	68.0	100	0.138	3.00
BSF1306DSCC101MT	100.0	100	0.207	2.40
BSF1306DSCC151MT	150.0	100	0.293	2.10
BSF1306DSCC221MT	220.0	100	0.470	1.90
BSF1306DSCC331MT	330.0	100	0.780	1.10
BSF1306DSCC471MT	470.0	100	1.080	1.10
BSF1306DSCC681MT	680.0	100	1.400	0.96
BSF1306DSCC102MT	1000.0	100	2.010	0.80

Test Freq.:100KHz/0.1V

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

IDC:Based on Inductance decrease 20%

Operating temperature range : -25 to +105°C (including self-generated heat)

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