

SPECIFICATION OF BSF3015BNRM SERIES

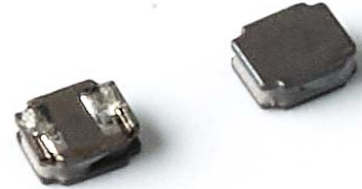
FEATURES

1. Low profile construction and miniature size.
2. Magnetic shielded construction.
3. High current saturation.
4. For new generation portable product D/D converter unit.



APPLICATIONS

DVD · DSC · PDA · LCD display ·
Smart phones · HDD · etc.



ORDERING CODE

BSF3015BNRM 1R0 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

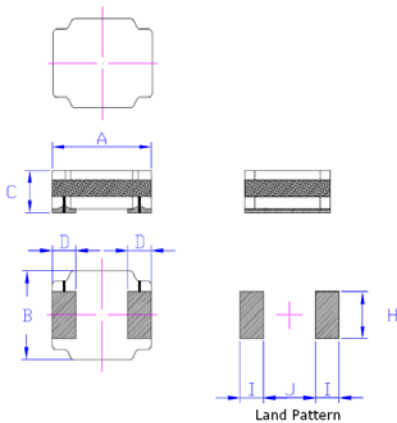


FIG 1

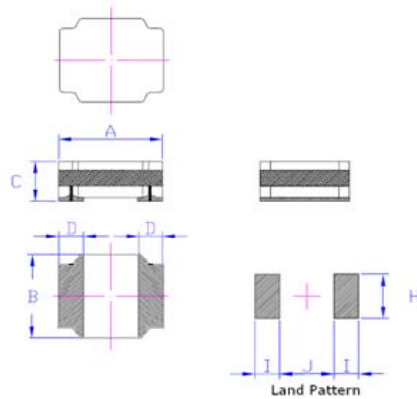


FIG 2

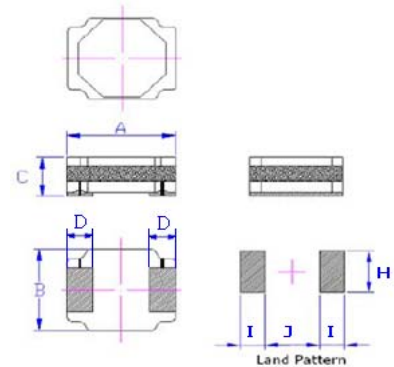


FIG 3

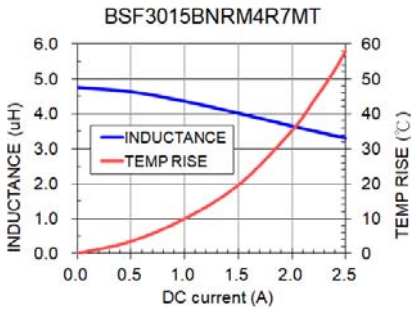
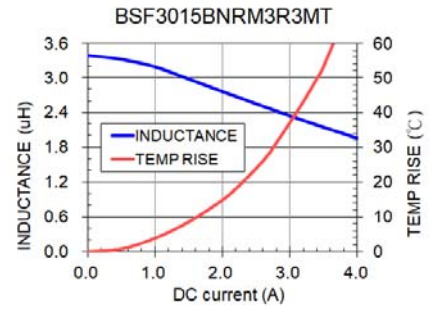
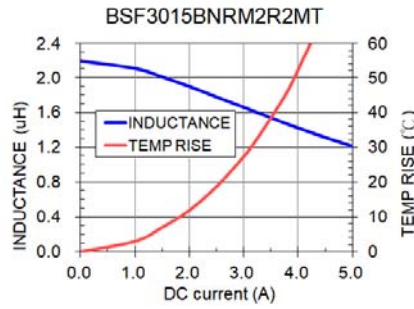
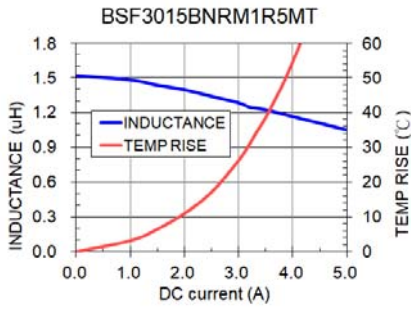
SHAPE & DIMENSIONS

SIZE CODE	A mm	B mm	C mm	D mm	H	I	J	FIG		
BSF2010BNRM	2.0±0.2	1.6±0.2	1.05max	0.6±0.2	1.10	1.00	0.90	1		
BSF2512BNRM	2.5±0.2	2.1±0.2	1.25max	0.85±0.20	1.40	0.95	0.90	1		
BSF3015BNRM	3.0±0.2	3.0±0.2	1.55max	0.9±0.2	2.90	1.00	1.20	2		
BSF6030BNRM	6.0±0.2	6.0±0.2	3.0±0.2	1.9±0.3	5.70	2.00	2.00	3		

※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 → BSF3015BNRM SERIES

ELECTRICAL CHARACTERISTIC



※Test Frequency: 100KHz/1V

※Tolerance: M±20%

※Isat: Based on Inductance decrease 30%

※IDC: Based on Temperature increase 40°C

※Operating temperature range : -40 to +125°C (including self-heating)

※Storage Temp. : -40°C T0+85°C

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