

SPECIFICATION OF BSFxxxxBNRMX SERIES

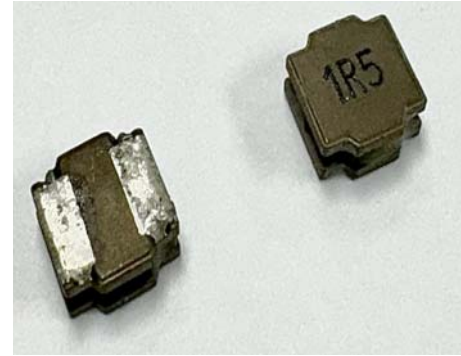
FEATURES

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.

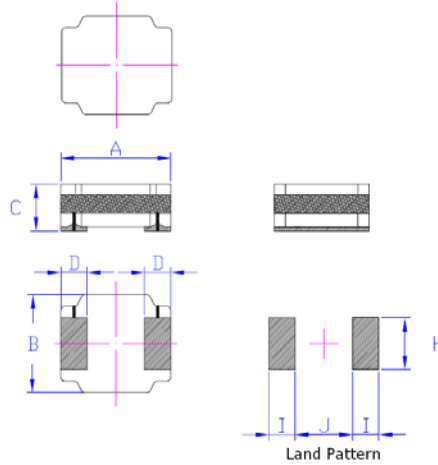


ORDERING CODE

BSF6030BNRMX 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



SHAPE & DIMENSIONS

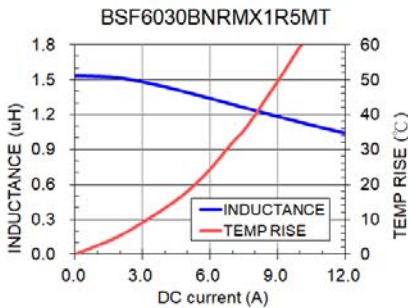
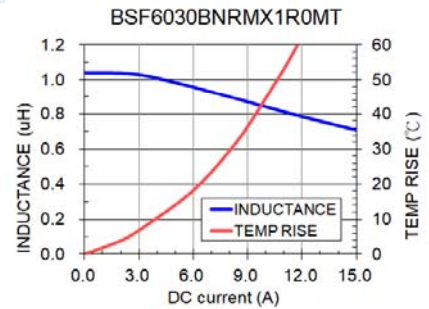
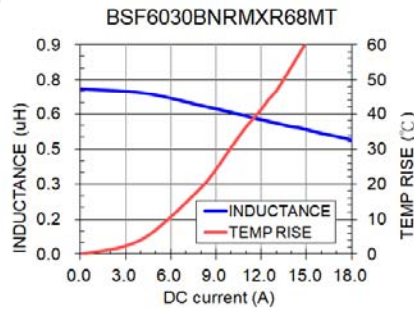
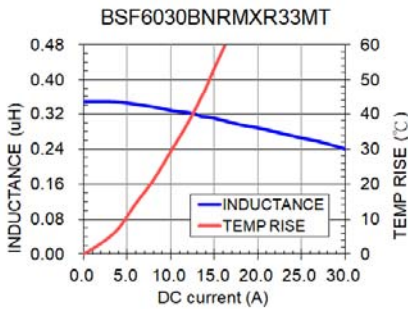
SIZE CODE	A mm	B mm	C mm	D mm	H	I	J			
BSF6030BNRMX	6.0±0.2	6.0±0.2	3.0±0.2	1.9±0.3	5.70	2.00	2.00			

※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 → BSF6030BNRM SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance	DC Resistance	SRF(MHz)	Isat	IDC
	(μH)	($\text{m}\Omega$)max	min	(A)Typ	(A)Typ
BSF6030BNRMXR33MT	0.33	9	75	24.0	12.0
BSF6030BNRMXR68MT	0.68	12	45	17.0	11.0
BSF6030BNRMX1R0MT	1.0	14	40	14.0	9.00
BSF6030BNRMX1R5MT	1.5	20	30	10.5	7.50



※Test Frequency: 100KHz/1V

※Tolerance: $M \pm 20\%$

※Isat: Based on Inductance decrease 30%

※IDC: Based on Temperature increase 40 $^{\circ}\text{C}$

※Operating temperature range : -40 to +125 $^{\circ}\text{C}$ (including self-heating)

※Storage Temp. : -40 $^{\circ}\text{C}$ T0+85 $^{\circ}\text{C}$

※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.