

SPECIFICATION OF BSFQ□□□□CDKC SERIES

AEC-Q200



FEATURES

1. High saturation current inductor with ferrite core and magnetic shielding design.
2. Low profile : Surface mounting(SMT) type and thickness with 2.0 to 5.0 mm for different size.
3. Low loss realized with low DCR.
4. Compatible with Pb-free RoHS and AEC-Q200.



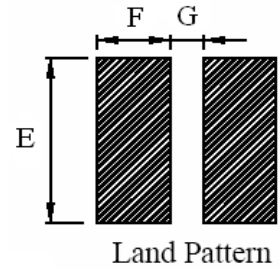
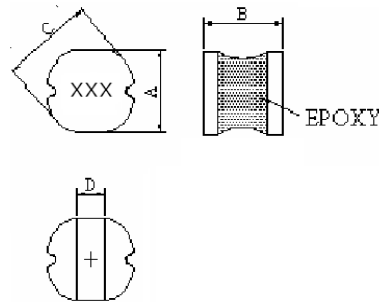
APPLICATIONS

1. Automotive application

ORDERING CODE

BSFQ0503CDKC 4R7 M T
 (1) (2) (3)(4)

- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (K : ±10%, M : ±20%)
- (4) REEL TAPING



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A	B	C	D Typ.	E	F	G		
BSFQ0318CDKC	3.0±0.3	1.9(max)	3.5±0.3	1.2	3.5	1.60	0.8		
BSFQ0302CDKC	3.0±0.3	2.3(max)	3.5±0.3	1.2	3.5	1.60	0.8		
BSFQ0402CDKC	4.0±0.3	2.2±0.3	4.5±0.3	1.5	4.5	2.10	0.8		
BSFQ0403CDKC	4.0±0.3	3.2±0.3	4.5±0.3	1.5	4.5	2.10	0.8		
BSFQ0502CDKC	5.2±0.3	2.5±0.3	5.8±0.3	2.0	5.5	2.25	1.5		
BSFQ0503CDKC	5.2±0.3	3.0±0.3	5.8±0.3	2.0	5.5	2.25	1.5		
BSFQ0504CDKC	5.2±0.3	4.5±0.3	5.8±0.3	2.0	5.5	2.25	1.5		
BSFQ0703CDKC	7.0±0.3	3.5±0.3	7.8±0.3	2.5	7.5	3.05	1.9		
BSFQ0705CDKC	7.0±0.3	5.0±0.3	7.8±0.3	2.5	7.5	3.05	1.9		
BSFQ1004CDKC	9.0±0.3	4.0±0.3	10.0±0.3	2.9	9.5	3.65	2.5		
BSFQ1005CDKC	9.0±0.3	5.4±0.3	10.0±0.3	2.9	9.5	3.65	2.5		
BSFQ1006CDKC	9.0±0.3	6.8±0.3	10.0±0.3	2.9	9.5	3.65	2.5		

※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 → BSFQ0503CDKC SERIES

ELECTRICAL CHARACTERISTIC

