

# SPECIFICATION OF FBCQ SERIES

## AEC-Q200

### FEATURES

1. Use flat wire in it and could endure higher current (6Amps).
2. It is mounted in the boards with surface mounting equipment.
3. Reliability test meet AEC-Q200.
4. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



### APPLICATIONS

1. Computer products.  
(Mother board , Hard Disk , TV card..Etc.)
2. Communication products.  
(like : PAGER , Cordless Phone..Etc.)
3. Modem , OA products , power supplier..Etc.
4. Countermeasures for complying with CE 、  
FCC 、 VDE or VCCI radiated emissions.



### ORDERING CODE

#### FBCQ-K5B-302540-L -T

(1) (2) (3) (4)(5)

- (1) PRODUCT TYPE CODE  
 (2) MATERIAL CODE  
 (3) SIZE CODE  
 (4) DESIGN CODE  
 (5) TAPING

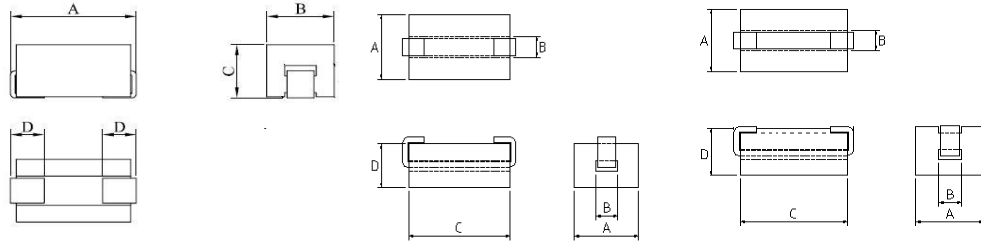


FIG 1

FIG 2

FIG 3

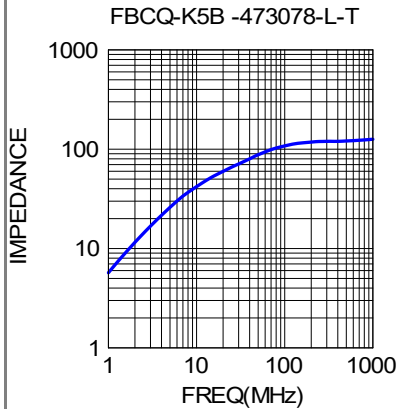
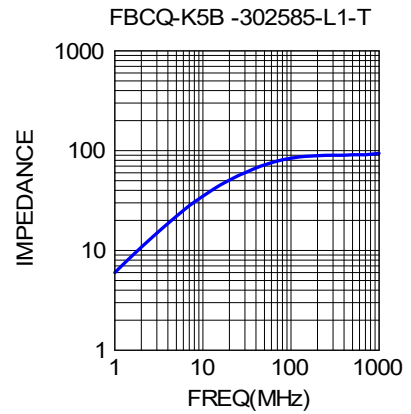
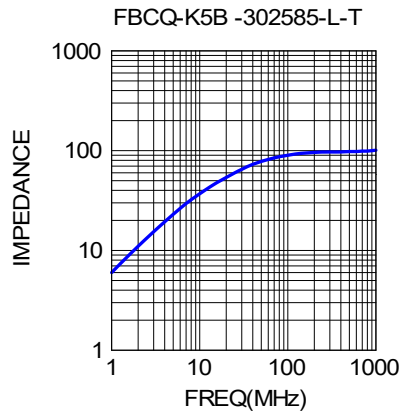
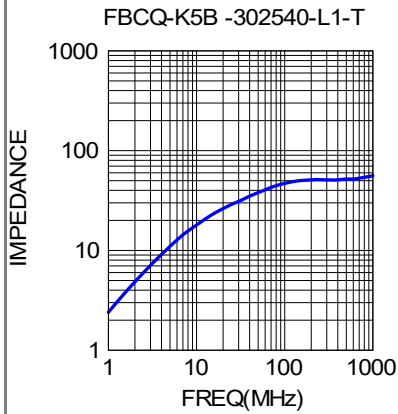
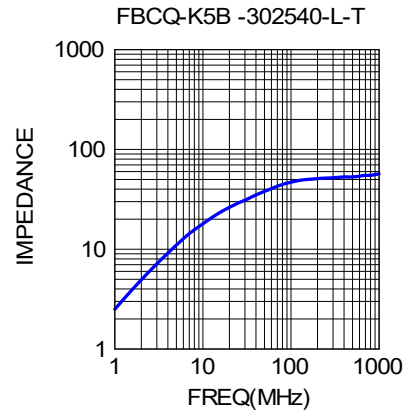
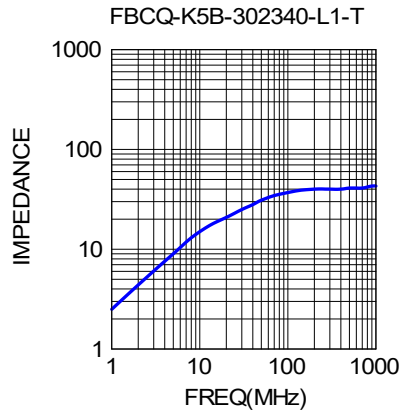
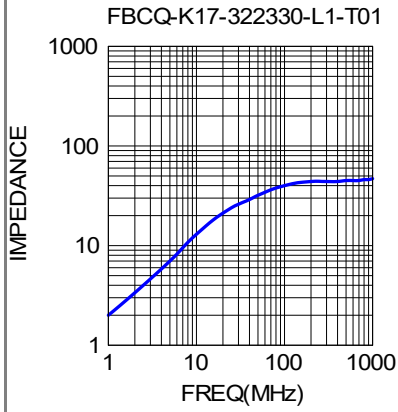
### SHAPE & DIMENSIONS

UNIT:mm

ORDERING CODE	A	B	C	D	RDC	IMPEDANCE		IDC ΔT:40℃ (mA)max	FIG
					(mΩ)max	25MHz	100MHz		
FBCQ-K17-322330-L1-T01	3.08±0.10(-0.15)	2.90±0.10	2.20±0.10	0.8±0.2(-0.3)	0.6	24	40	21000	1
FBCQ-K5B-302340-L1-T	4.50±0.40	3.00±0.20	2.3±0(-0.4)	1.50±0.50	4	23	37	6000	1
FBCQ-K5B-302540-L-T	3.00±0.20	1.45±0.10	4.00±0.25	2.55±0.15	4	29	47	6000	2
FBCQ-K5B-302540-L1-T	4.50±0.40	3.00±0.20	2.60±0.25	1.50±0.15	4	29	46	6000	1
FBCQ-K5B-302585-L-T	3.00±0.20	1.45±0.10	8.50±0.30	2.55±0.15	6	60	90	6000	2
FBCQ-K5B-302585-L1-T	3.00±0.30	1.50±0.50	8.50±0.40	2.50±0.30	6	56	84	6000	3
FBCQ-K5B-473078-L-T	4.75±0.20	1.45±0.10	7.80±0.30	3.00±0.15	6	66	108	6000	2

※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.

# WOUND CHIP BEADS → FBCQ SERIES



※Operating temperature range : -55 to +125°C (including self-heating)

※Storage Temp. : -40°C TO+85°C

※IDC: Based on Temperature increase 40°C

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**K** KING CORE ELECTRONICS INC.  
Tel:886-3-4698855 Fax:886-3-4691395

No.269,Nanfong Rd.,Pingjhen City,Taoyuan County, Taiwan  
E-mail:kc@mail.kingcore.com.tw Web Site:http://www.kingcore.com.tw