

# 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. In-Vehicle Infotainment system (Monitor ,Audio, Navigation...Etc.)
2. Comfort equipment (Electric seat, Climate Control...Etc.)



### 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

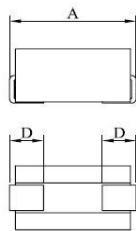


FIG 1

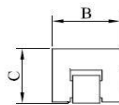


FIG 2

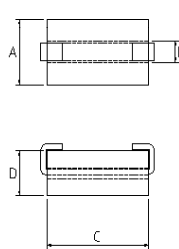


FIG 3

### SHAPE & DIMENSIONS

UNIT:mm

ORDERING CODE	A	B	C	D	RDC (mΩ)max	IMPEDANCE		IDC ΔT:40℃ (mA)max	FIG
						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

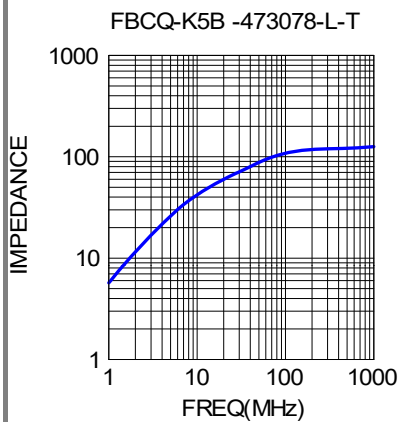
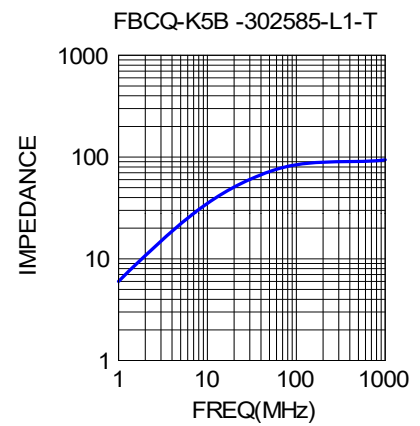
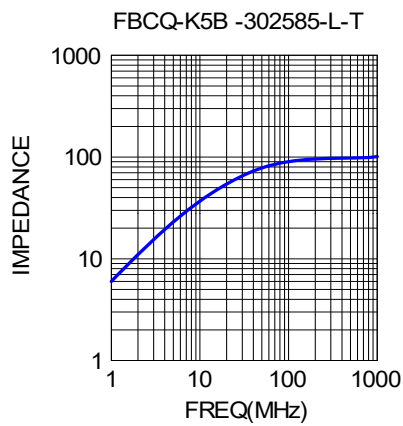
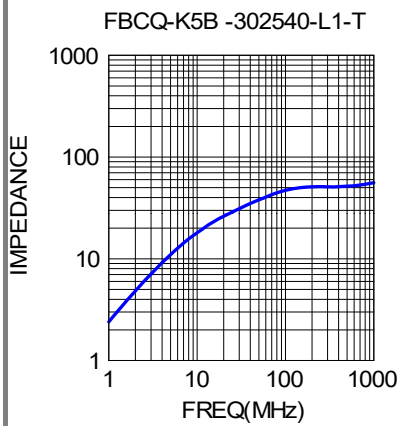
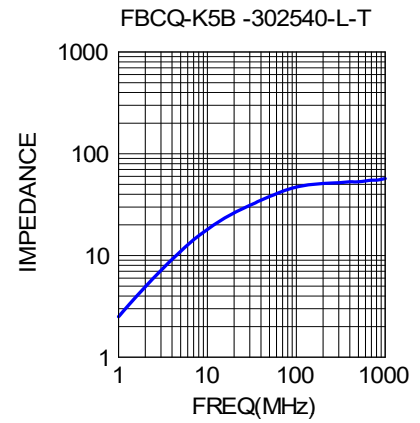
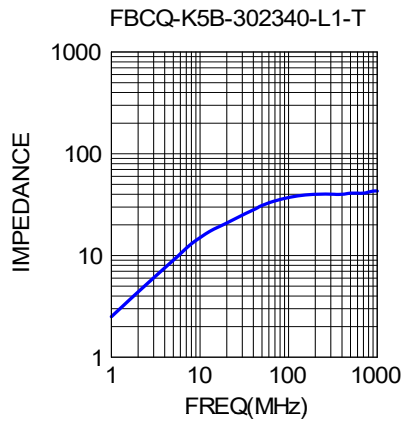
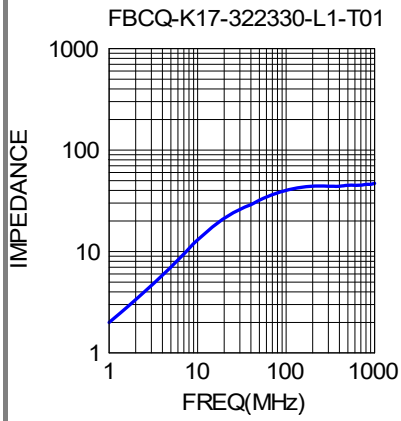
※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.



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# 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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