

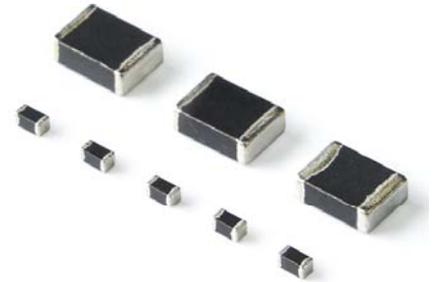
# SPECIFICATION OF FBAQ High Current Automotive SERIES

**AEC-Q200**



## APPLICATIONS

1. Effective EMI suppression component
2. Closed magnetic circuit to avoid crosstalk.
3. Shapes and dimensions follow E.I.A. spec.
4. Excellent solder ability and heat resistance.
5. Reliability test meet AEC-Q200.
6. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
7. Low DC resistance structure to reduce power consumption.



## ORDERING CODE

**FBAQ-11-160808-121 A20 T**  
 (1) (2) (3) (4) (5) (6)

### (1) PRODUCT TYPE CODE

FBAQ : Ferrite Bead Multilayer Automotive

□: RoHS Code

### (2) DESIGN CODE

Type : 11

### (3) SIZE CODE

See Following Table

### (4) IMPEDANCE VALUE CODE

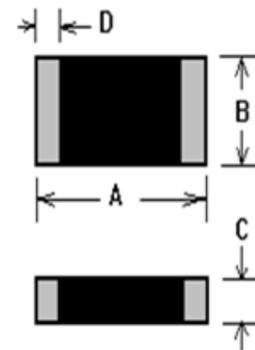
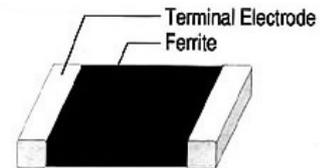
Example : 121=120Ω , 280=28Ω

### (5) A□□ MEANS HIGH CURRENT RATING

Example : A10 means 1000mA

A08 means 800mA

### (6) TAPING



## SHAPE & DIMENSIONS

UNIT:mm (inch)

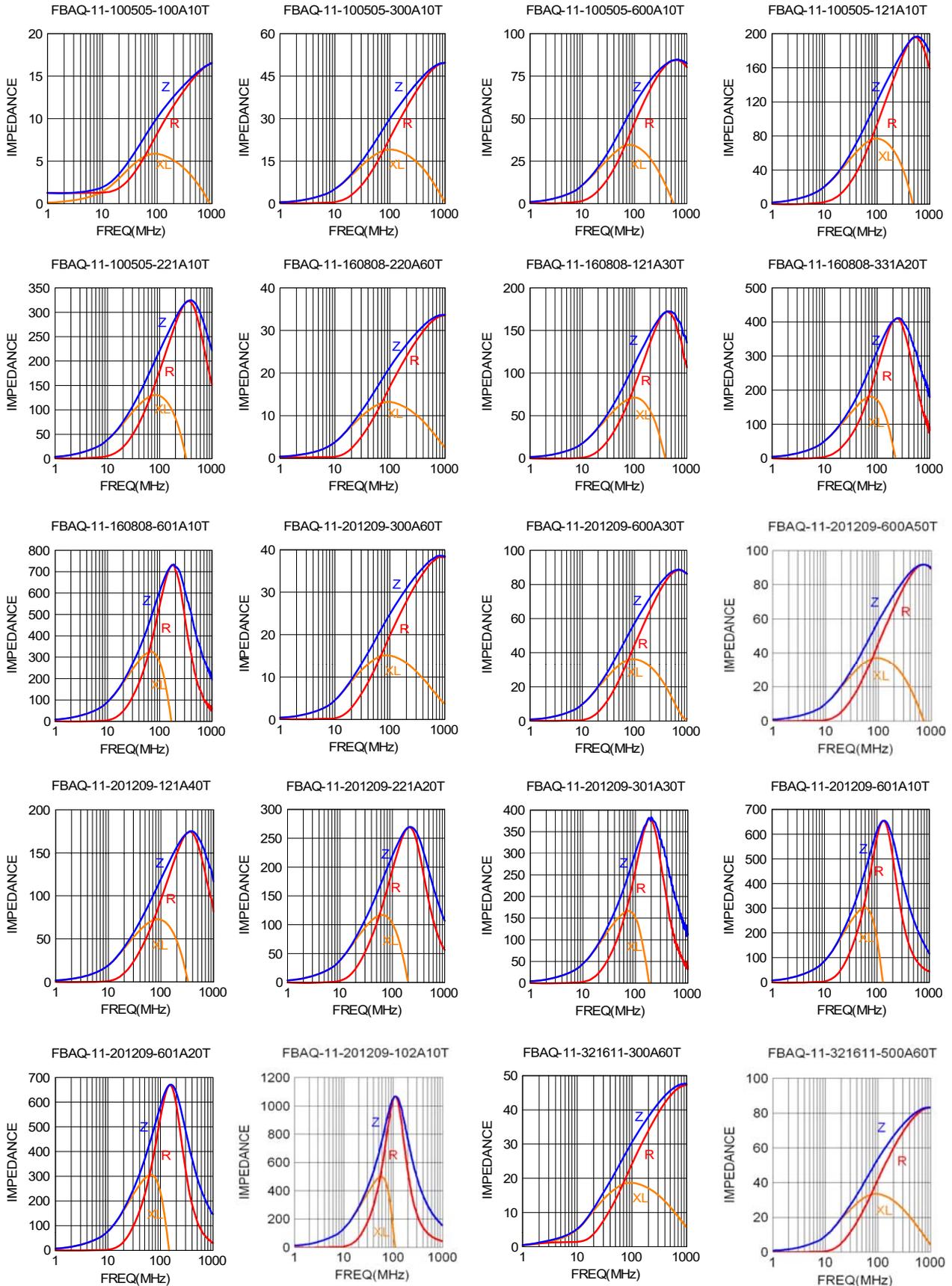
SIZE CODE	A	B	C	D
FBAQ-11-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBAQ-11-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBAQ-11-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20 (0.047±0.008)	0.90±0.20 (0.035±0.008)	0.50±0.30 (0.020±0.012)
FBAQ-11-321611 (1206)	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	1.10±0.20 (0.043±0.008)	0.50±0.30 (0.020±0.012)
FBAQ-11-453215 (1812)	4.50±0.20 (0.177±0.008)	3.20±0.20 (0.126±0.008)	1.50±0.20 (0.059±0.008)	0.50±0.30 (0.020±0.012)

※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.



# MULTILAYER CHIP BEADS → FBAQ : High Current Standard Type

## ELECTRICAL CHARACTERISTICS

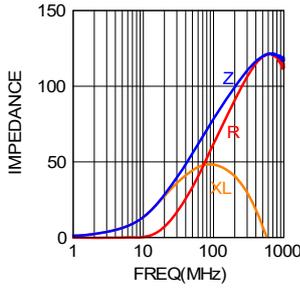


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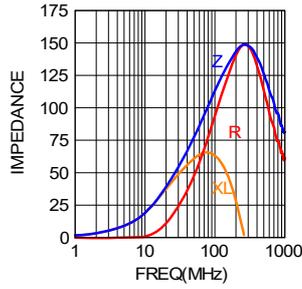
# MULTILAYER CHIP BEADS → FBAQ : High Current Standard Type

## ELECTRICAL CHARACTERISTICS

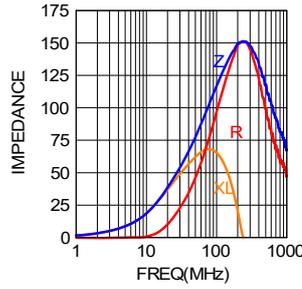
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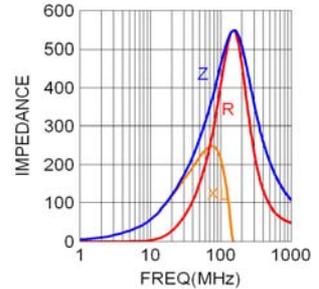
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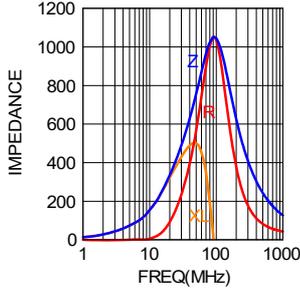
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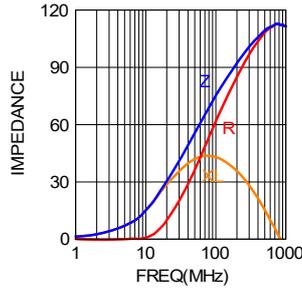
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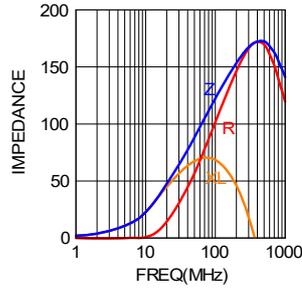
FBAQ-11-321611-102A10T



FBAQ-11-453215-800A90T



FBAQ-11-453215-121A60T



IDC:Based on Temperature increase 40°C

Operating Temperature Range:-55°C to +125°C (including self-heating.)

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