

Chip Bead ABFJ Series

Automotive
AEC-Q200

RoHS Compliant
Halogen Free
REACH Compliant



Noise
Suppression

Shield

Multilayer

Ferrite

High speed
Signal line

■ Part Numbering

A	BFJ	00	100505	601	Y	00
Grade	Series Name	Control Code	Dimensions Code (mm)	Impedance (Ω)	Tolerance	Internal Code
			100505 1.0x0.5x0.5	601 600 102 1000	Y ±25%	

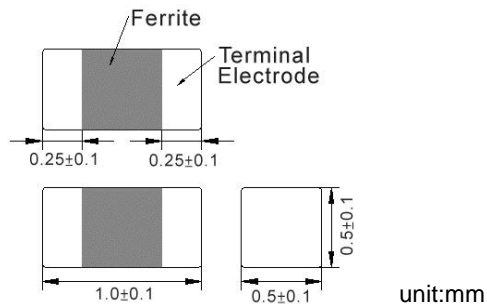
This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.

Chip Bead ABFJ Series

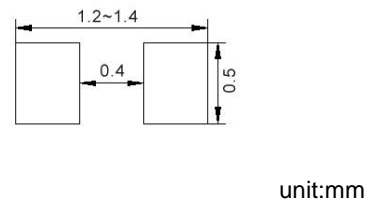
Automotive
AEC-Q200

ABFJ00100505 Type

■ Dimensions



■ Recommended Land Pattern



■ Electrical Characteristics

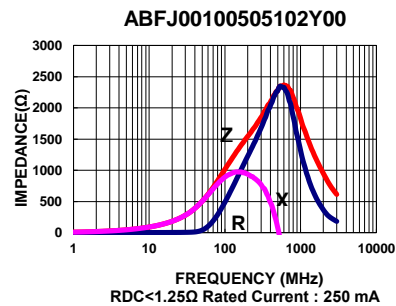
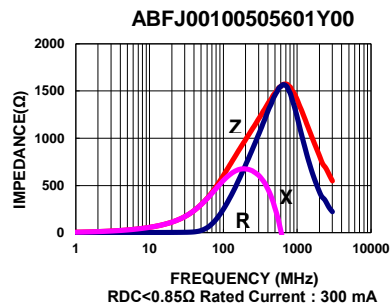
Part No.	Impedance (Ω)±25%	Impedance (Ω)±40%	Test Freq. (MHz)	RDC (Ω)Max.	Rated Current (mA)Max.
ABFJ00100505601Y00	600	1400	100/1000	0.85	300
ABFJ00100505102Y00	1000	2000	100/1000	1.25	250

Note: When ordering, please specify tolerance code. Tolerance: Y=±25%

- Operating temperature range - 55°C ~ 125°C
- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Measure Equipment:
Z: HP4291A
RDC: HP4338B or CHEN HWA 502

ABFJ00100505 Type

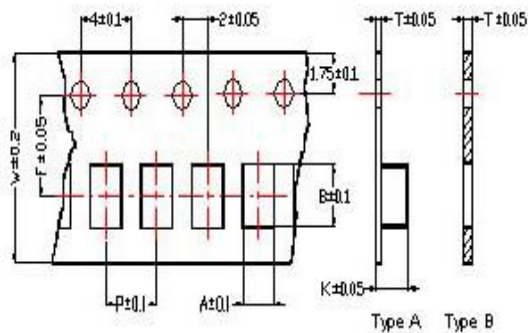
■ Characteristics Graph



Chip Bead ABFJ Series

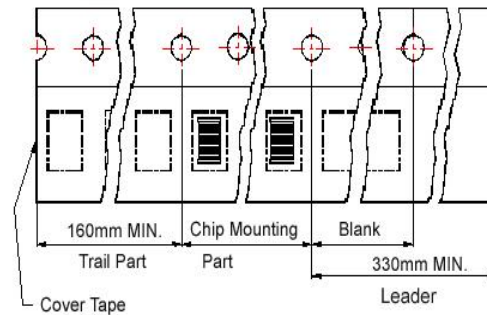
■ Packaging

Tape Dimensions

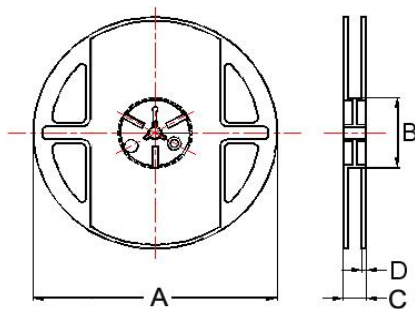


Tape Material

Carrier Tape: Polycarbonate (Tape A)
Carrier Tape: Paper (Tape B)
Cover Tape: Polystyrene



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions								Reel Dimensions				Quantity
	A	B	T	W	P	F	K	Tape	A	B	C	D	PCS / Reel
ABFJ00100505	0.62	1.12	0.60	8	2	3.5	-	B	178	60	12	2	10000