



RoHS Compliant
Halogen Free
REACH Compliant



Noise
Suppression

Shield

Multilayer

Ferrite

General
Signal line

Part Numbering

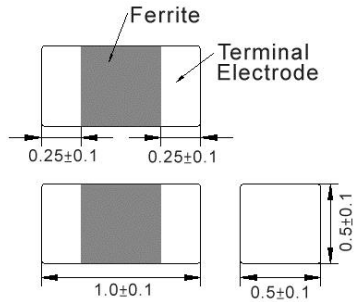
Series Name	Dimensions Code (mm)		Impedance (Ω)		Tolerance	Internal Code
AMLB	100505	1.0x0.5x0.5	0030	30	Y ±25%	SJ
			0120	120		
			1000	1000		

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



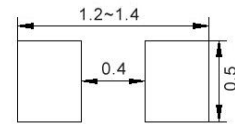
AMLB-100505 Type

■ Dimensions



unit:mm

■ Recommended Land Pattern



unit:mm

■ Electrical Characteristics

Part No.	Impedance (Ω)	Test Freq.	RDC (Ω)Max.	Rated Current (mA)Max.
AMLB-100505-0030Y-SJ	30	100 MHz,200 mV	0.20	500
AMLB-100505-0060Y-SJ	60	100 MHz,200 mV	0.20	500
AMLB-100505-0120Y-SJ	120	100 MHz,200 mV	0.25	500
AMLB-100505-0220Y-SJ	220	100 MHz,200 mV	0.40	400
AMLB-100505-0300Y-SJ	300	100 MHz,200 mV	0.50	300
AMLB-100505-0480Y-SJ	480	100 MHz,200 mV	0.50	300
AMLB-100505-0600Y-SJ	600	100 MHz,200 mV	0.60	300
AMLB-100505-1000Y-SJ	1000	100 MHz,200 mV	0.95	200
AMLB-100505-1500Y-SJ	1500	100 MHz,200 mV	1.15	100

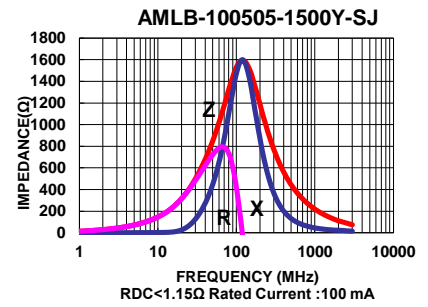
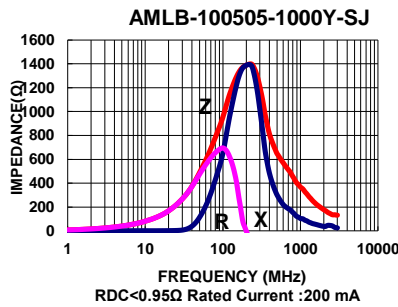
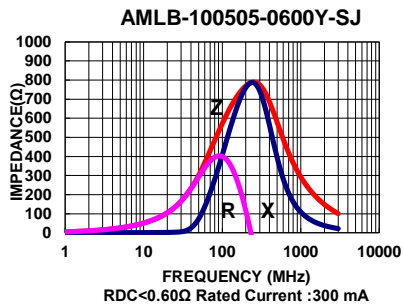
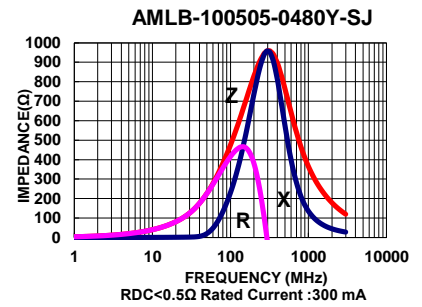
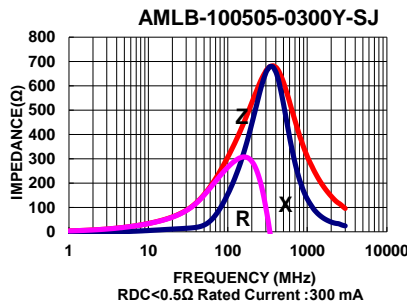
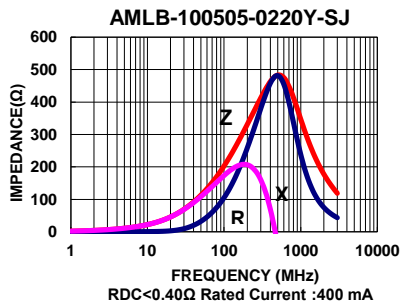
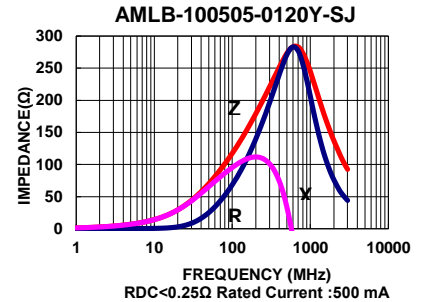
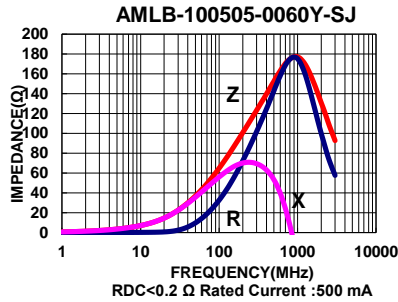
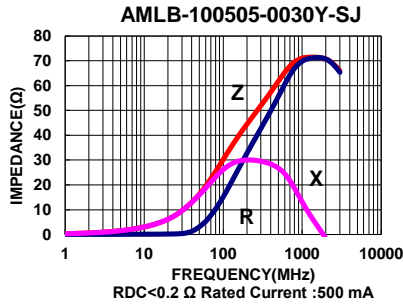
Note: When ordering, please specify tolerance code. Tolerance: Y=±25%

1. Operating temperature range - 40°C ~ 125°C
2. Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
3. Measure Equipment:
Z: HP4291A
RDC: HP4338B or CHEN HWA 502



AMLB-100505 Type

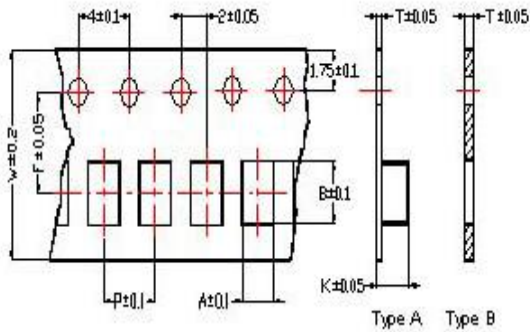
Characteristics Graph





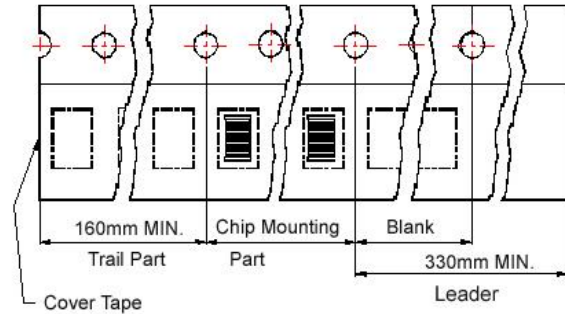
■ Packaging

Tape Dimensions

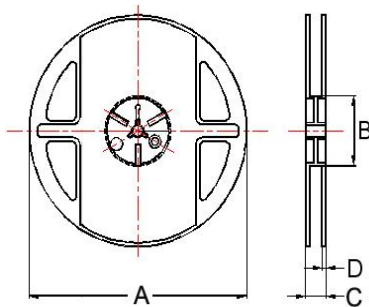


Tape Material

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
100505	0.62	1.12	0.60	8	2	3.5	-	B	178	60	12	2	10000