



Chip Bead AMLB PY Series

**Automotive
AEC-Q200**

RoHS Compliant
Halogen Free
REACH Compliant



- Noise
Suppression
- Shield
- Multilayer
- Ferrite
- High
Current

Part Numbering

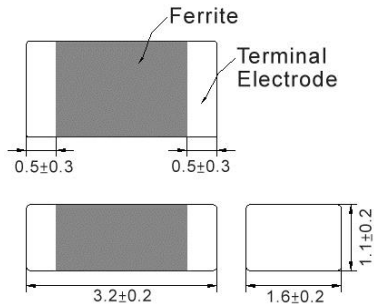
AMLB	321611	0030	Y	PY
Series Name	Dimensions Code (mm)	Impedance (Ω)	Tolerance	Internal Code
	321611 3.2x1.6x1.1	0030 30 0120 120	Y ±25%	

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



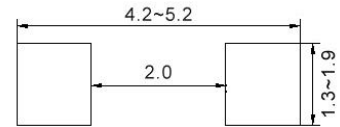
AMLB-321611 Type

■ Dimensions



unit:mm

■ Recommended Land Pattern



unit:mm

■ Electrical Characteristics

Part No.	Impedance (Ω)	Test Freq.	RDC (Ω)Max.	Rated Current (mA)Max.
AMLB-321611-0030Y-PY	30	100 MHz,200 mV	0.015	4000
AMLB-321611-0060Y-PY	60	100 MHz,200 mV	0.020	4000
AMLB-321611-0120Y-PY	120	100 MHz,200 mV	0.030	3000
AMLB-321611-0220Y-PY	220	100 MHz,200 mV	0.050	2000
AMLB-321611-0300Y-PY	300	100 MHz,200 mV	0.060	2000
AMLB-321611-0600Y-PY	600	100 MHz,200 mV	0.100	2000

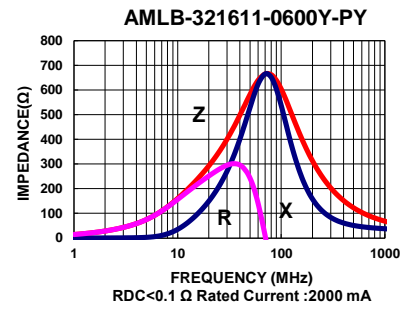
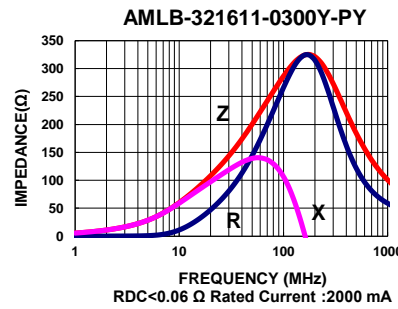
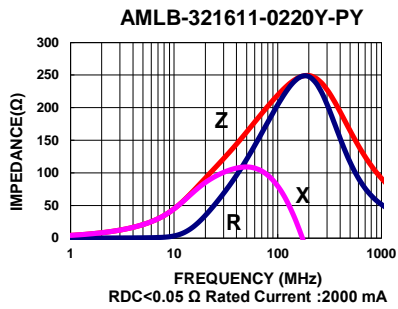
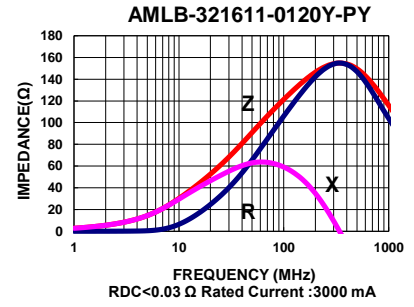
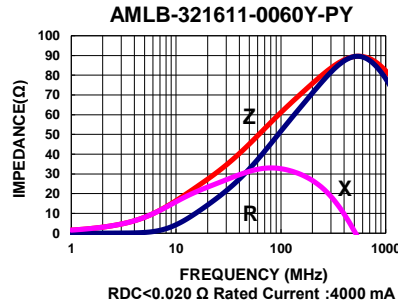
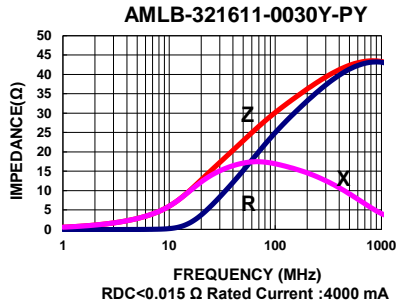
Note: When ordering, please specify tolerance code. Tolerance: Y= \pm 25%

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-321611 Type

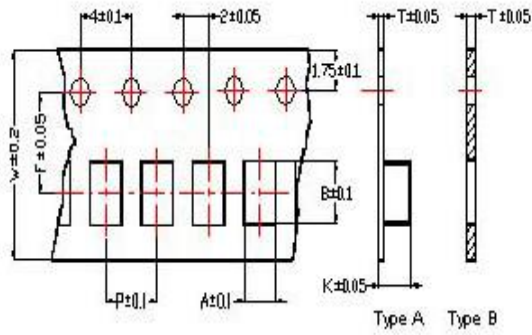
Characteristics Graph





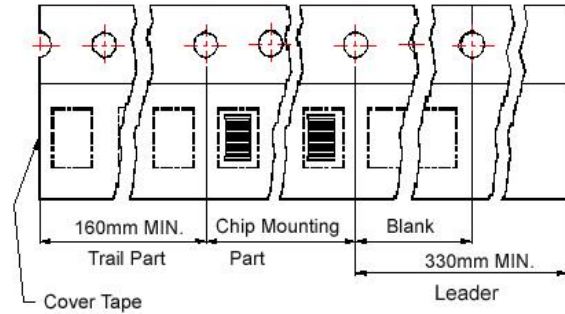
■ Packaging

Tape Dimensions

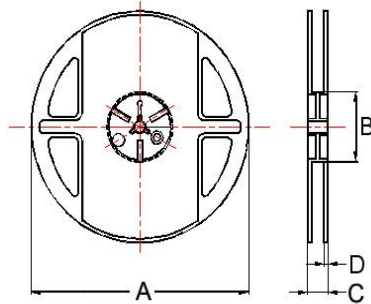


Tape Material

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
321611	1.88	3.50	0.22	8	4	3.5	1.27	A	178	60	12	2	3000