



Chip Bead AMLB PY Series

**Automotive
AEC-Q200**

RoHS Compliant
Halogen Free
REACH Compliant



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

Part Numbering

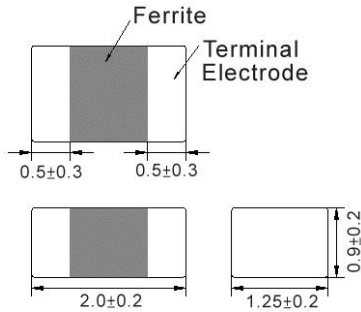
AMLB	201209	0010	Y	PY
Series Name	Dimensions Code (mm)	Impedance (Ω)	Tolerance	Internal Code
	201209 2.0x1.25x0.9	0010 10 0120 120 1000 1000	Y ±25%	

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



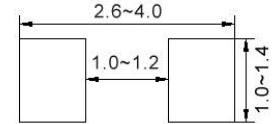
AMLB-201209 Type

■ Dimensions



unit:mm

■ Recommended Land Pattern



unit:mm

■ Electrical Characteristics

Part No.	Impedance (Ω)	Test Freq.	RDC (Ω)Max.	Rated Current (mA)Max.
AMLB-201209-0010Y-PY	10	100 MHz,200 mV	0.010	6000
AMLB-201209-0030Y-PY	30	100 MHz,200 mV	0.015	4000
AMLB-201209-0060Y-PY	60	100 MHz,200 mV	0.030	3000
AMLB-201209-0080Y-PY	80	100 MHz,200 mV	0.040	3000
AMLB-201209-0120Y-PY	120	100 MHz,200 mV	0.040	3000
AMLB-201209-0200Y-PY	200	100 MHz,200 mV	0.050	2500
AMLB-201209-0220Y-PY	220	100 MHz,200 mV	0.080	2000
AMLB-201209-0300Y-PY	300	100 MHz,200 mV	0.080	2000
AMLB-201209-0470Y-PY	470	100 MHz,200 mV	0.100	2000
AMLB-201209-0600Y-PY	600	100 MHz,200 mV	0.100	2000
AMLB-201209-1000Y-PY	1000	100 MHz,200 mV	0.120	1500

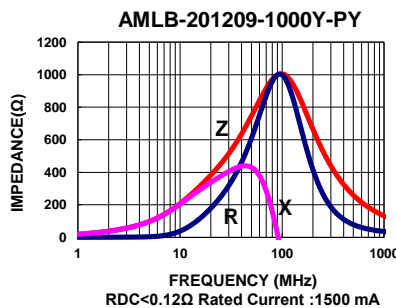
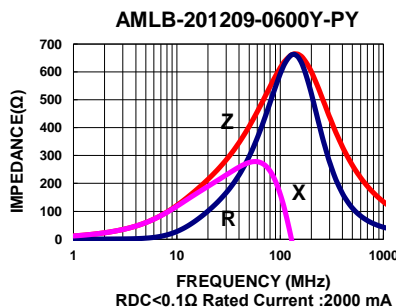
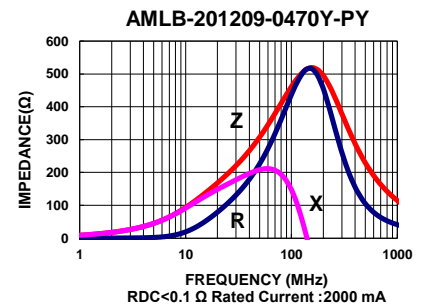
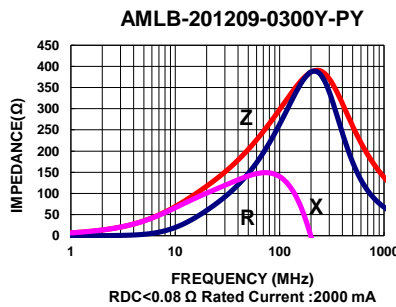
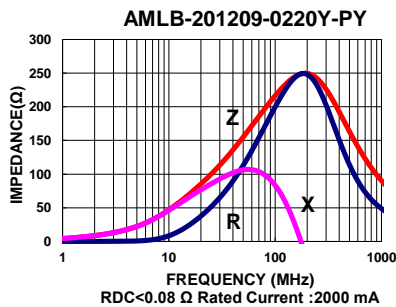
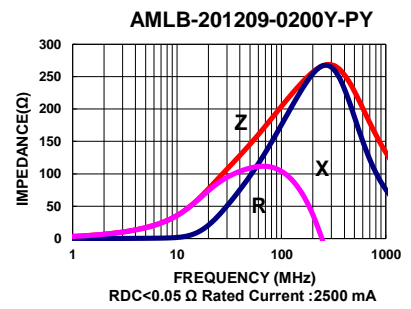
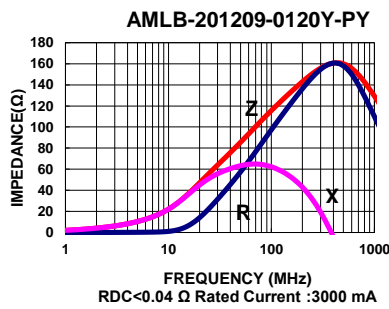
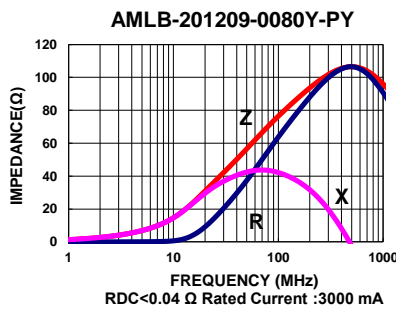
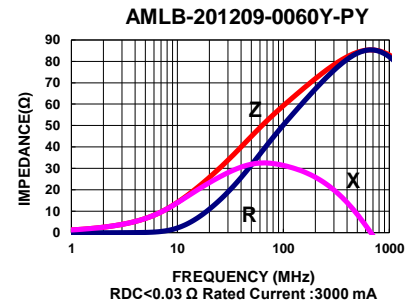
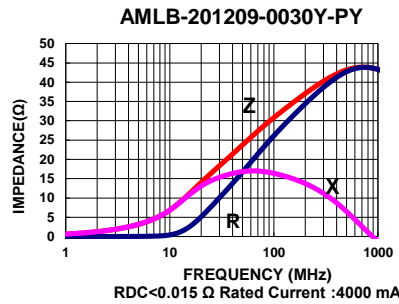
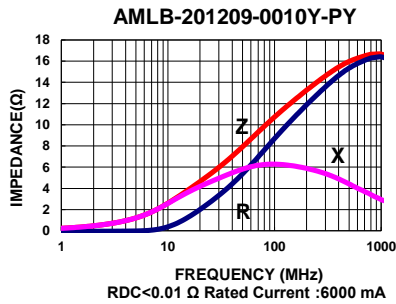
Note: When ordering, please specify tolerance code. Tolerance: Y=±25% , T=±30%

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-201209 Type

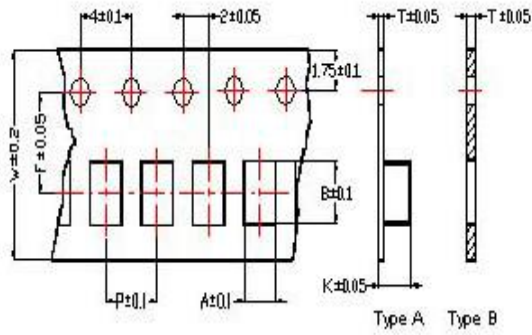
Characteristics Graph





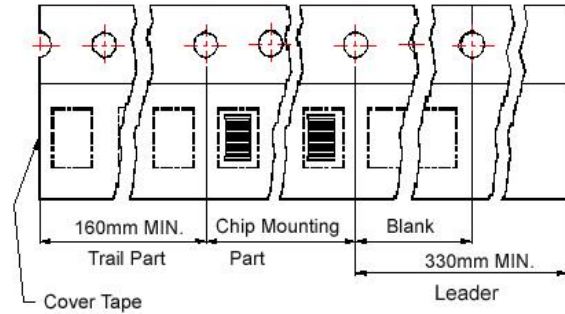
■ Packaging

Tape Dimensions

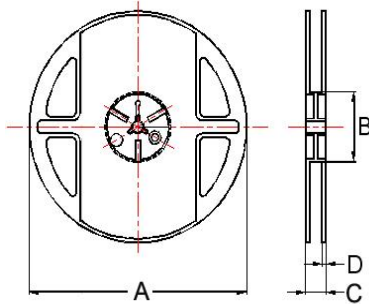


Tape Material

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



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions								Reel Dimensions				Quantity PCS / Reel
	A	B	T	W	P	F	K	Tape	A	B	C	D	
201209	1.50	2.30	0.97	8	4	3.5	-	B	178	60	12	2	4000