



Chip Bead AMLB PY Series

**Automotive
AEC-Q200**

RoHS Compliant
Halogen Free
REACH Compliant



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

Part Numbering

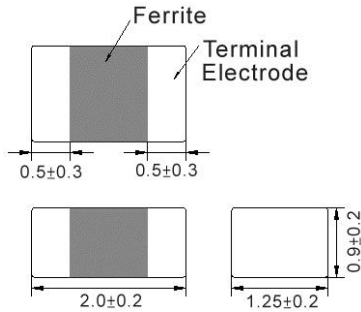
AMLB	201209	0010	Y	PY
Series Name	Dimensions Code (mm)	Impedance (Ω)	Tolerance	Internal Code
	201209 2.0x1.25x0.9	0010 10 0120 120 1000 1000	Y ±25%	

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



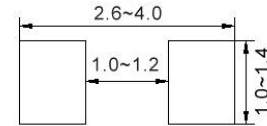
AMLB-201209 Type

■ 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

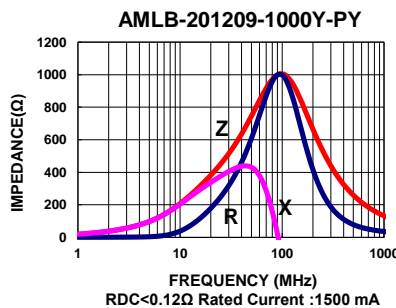
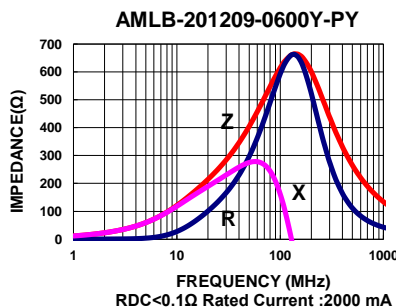
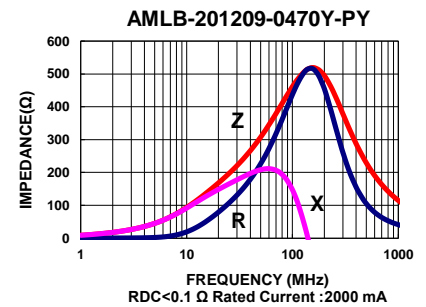
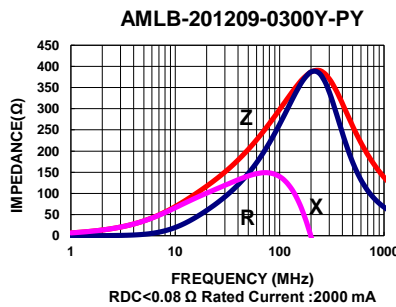
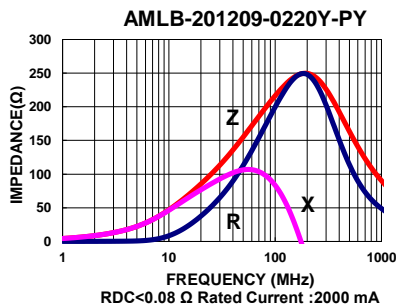
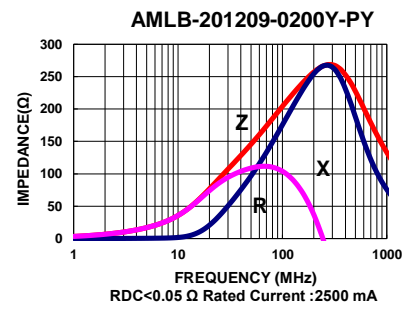
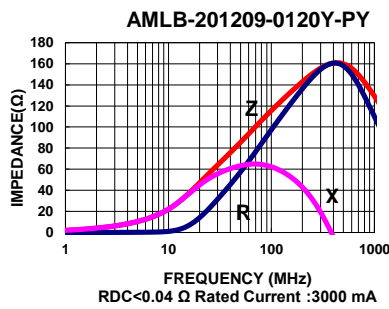
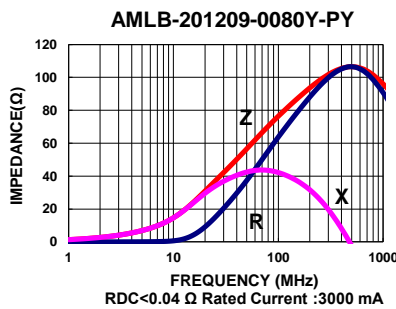
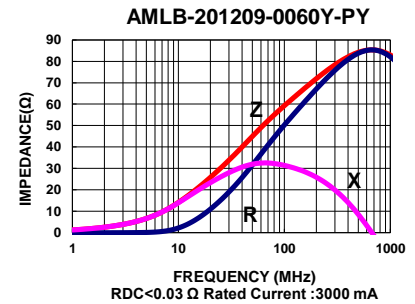
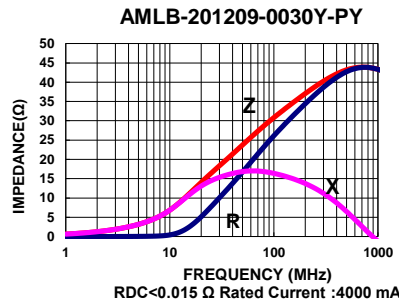
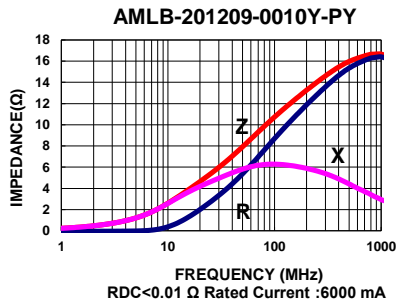
Note: When ordering, please specify tolerance code. Tolerance: Y= $\pm 25\%$, T= $\pm 30\%$

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

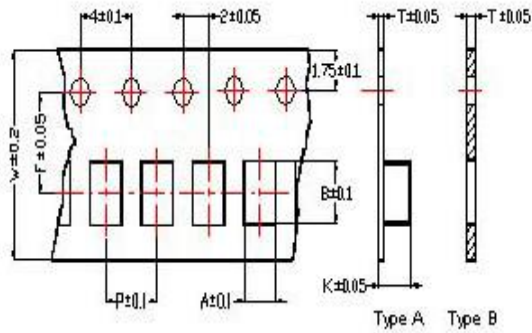


Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Mag.Layers approval. Please contact our sales department before ordering.



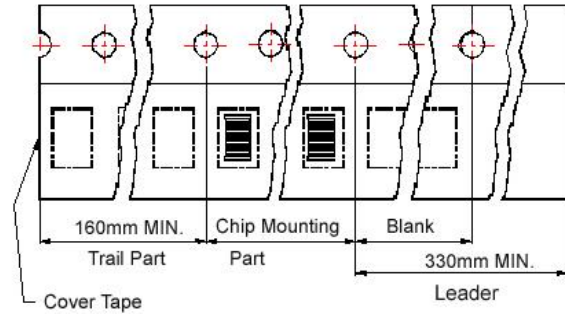
■ Packaging

Tape Dimensions

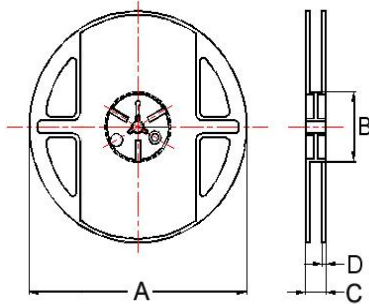


Tape Material

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

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单击下面可查看定价，库存，交付和生命周期等信息

[>>MAG. LAYERS](#)