



**Chip Bead AMLB SJ Series**

**Automotive  
AEC-Q200**

RoHS Compliant  
Halogen Free  
REACH Compliant



Noise  
Suppression

Shield

Multilayer

Ferrite

General  
Signal line

**Part Numbering**

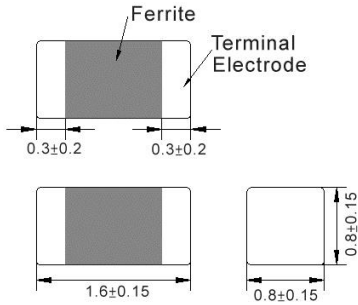
Series Name	Dimensions Code (mm)		Impedance ( $\Omega$ )		Tolerance	Internal Code
AMLB	160808	1.6x0.8x0.8	0120	120	Y $\pm 25\%$	SJ
	160808	1.6x0.8x0.8	1000	1000		

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



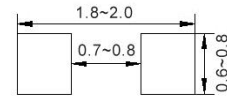
**AMLB-160808 Type**

**■ Dimensions**



unit:mm

**■ Recommended Land Pattern**



unit:mm

**■ Electrical Characteristics**

Part No.	Impedance (Ω)	Test Freq.	RDC (Ω)Max.	Rated Current (mA)Max.
AMLB-160808-0120Y-SJ	120	100 MHz,200 mV	0.25	400
AMLB-160808-0600Y-SJ	600	100 MHz,200 mV	0.40	400
AMLB-160808-1000Y-SJ	1000	100 MHz,200 mV	0.60	300
AMLB-160808-1800Y-SJ	1800	100 MHz,200 mV	1.00	200
AMLB-160808-2500Y-SJ	2500	100 MHz,200 mV	1.00	200

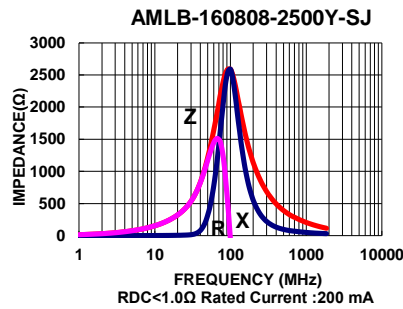
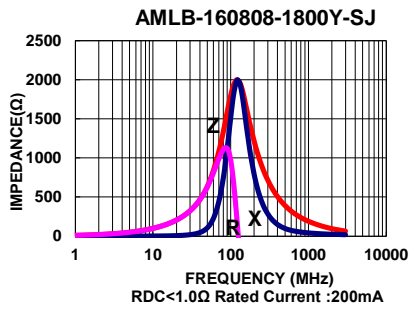
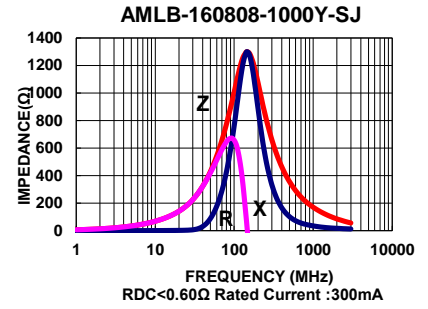
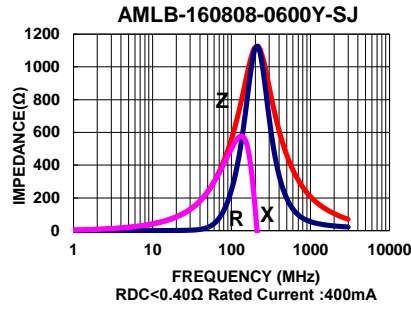
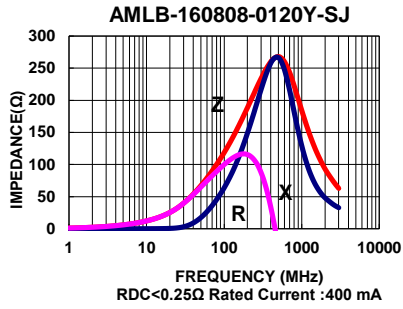
**Note: When ordering, please specify tolerance code. Tolerance: Y=±25%**

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-160808 Type

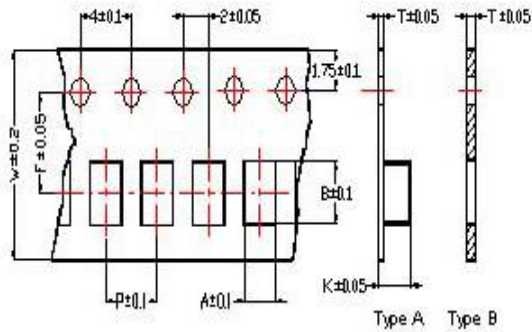
■ Characteristics Graph





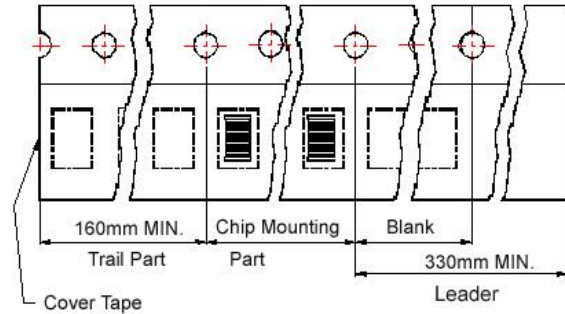
**■ Packaging**

**Tape Dimensions**

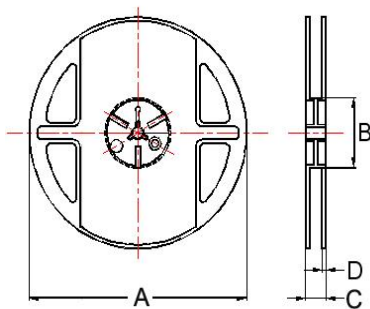


**Tape Material**

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	
160808	1.05	1.85	0.95	8	4	3.5	-	B	178	60	12	2	4000