



Chip Bead AMLB NQ Series

**Automotive
AEC-Q200**

RoHS Compliant
Halogen Free
REACH Compliant



Noise
Suppression

Shield

Multilayer

Ferrite

High speed
Signal line

Part Numbering

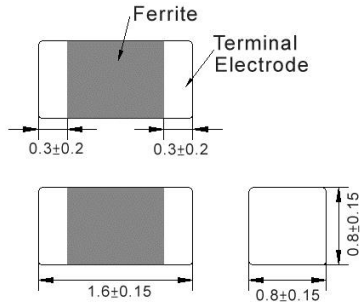
AMLB	160808	0060	Y	NQ
Series Name	Dimensions Code (mm)	Impedance (Ω)	Tolerance	Internal Code
	160808 1.6x0.8x0.8	0060 60 0220 220 1000 1000	Y ±25%	

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



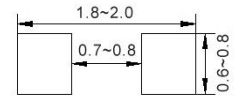
AMLB-160808 Type

■ Dimensions



unit:mm

■ Recommended Land Pattern



unit:mm

■ Electrical Characteristics

Part No.	Impedance (Ω)	Test Freq.	RDC (Ω)Max.	Rated Current (mA)Max.
AMLB-160808-0060Y-NQ	60	100 MHz,200 mV	0.25	500
AMLB-160808-0120Y-NQ	120	100 MHz,200 mV	0.30	400
AMLB-160808-0220Y-NQ	220	100 MHz,200 mV	0.35	400
AMLB-160808-0300Y-NQ	300	100 MHz,200 mV	0.40	400
AMLB-160808-0600Y-NQ	600	100 MHz,200 mV	0.50	200
AMLB-160808-1000Y-NQ	1000	100 MHz,200 mV	0.60	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

