

ABCO Bead COMPONENTS

AEC-Q200

EDMC321611-AUP Series



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ABCO ELECTRONICS CO., LTD.

■ Features

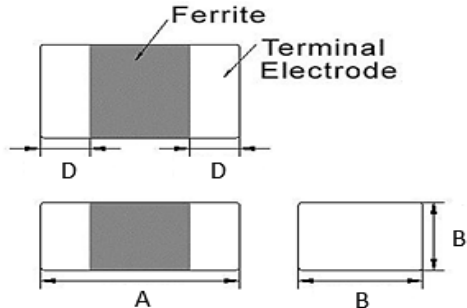
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

■ Ordering Code

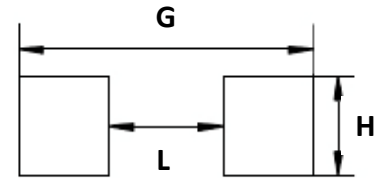
EDMC	321611	T	-	300	Y	-	AUP
①	②	③		④	⑤		⑥

① Type	② Dimensions(mm)	③ Packing
EDMC	321611 : 3.2(L) × 1.6(W) × 1.1(T)	T TAPING
④ Impedance(Ω)	⑤ Tolerance	⑥ Internal Code
300 30	Y : ±25%	AUP
101 100		

Shapes and Dimensions



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC321611-AUP	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3

L(mm)	G(mm)	H(mm)
2~2.4	4.2~5.2	1.3~1.9

Electrical Characteristics

Part Number	Impedance ($\Omega \pm 25\%$)	Test Freq.	RDC(Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC321611T-300Y-AUP	30	100MHz, 200mV	0.012	6000
EDMC321611T-600Y-AUP	60	100MHz, 200mV	0.012	6000
EDMC321611T-800Y-AUP	80	100MHz, 200mV	0.012	6000
EDMC321611T-101Y-AUP	100	100MHz, 200mV	0.012	6000
EDMC321611T-121Y-AUP	120	100MHz, 200mV	0.012	6000
EDMC321611T-151Y-AUP	150	100MHz, 200mV	0.020	4500
EDMC321611T-181Y-AUP	180	100MHz, 200mV	0.020	4500
EDMC321611T-221Y-AUP	220	100MHz, 200mV	0.020	4500

1. Testing Instrument

- Impedance : HP4291A
- RDC : HP4338B or CHEN HWA 502

2. Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C

■ Graph

