

ABCO Bead COMPONENTS

AEC-Q200

EDMC160808-ASJ Series



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ABCO ELECTRONICS CO., LTD.

■ Features

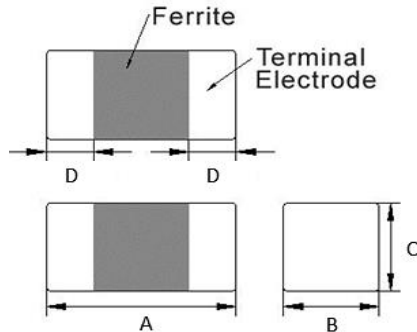
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

■ Ordering Code

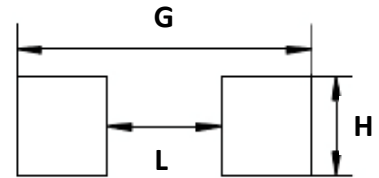
EDMC	160808	T	-	121	Y	-	ASJ
①	②	③		④	⑤		⑥

① Type	② Dimensions(mm)	③ Packing
EDMC	160808 : 1.6(L) × 0.8(W) × 0.8(T)	T TAPING
④ Impedance(Ω)	⑤ Tolerance	⑥ Internal Code
121 120 102 1000	Y : ±25%	ASJ

Shapes and Dimensions



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC160808-ASJ	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

L(mm)	G(mm)	H(mm)
0.7~0.8	1.8~2.0	0.6~0.8

Electrical Characteristics

Part Number	Impedance (Ω±25%)	Test Freq.	RDC(Ω) Max.	Rated Current(mA)
				ΔT=30°C Max.
EDMC160808T-121Y-ASJ	120	100MHz, 200mV	0.25	400
EDMC160808T-601Y-ASJ	600	100MHz, 200mV	0.40	400
EDMC160808T-102Y-ASJ	1000	100MHz, 200mV	0.60	300

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

