

ABCO Bead COMPONENTS

AEC-Q200

EDMC160808-ANQ Series



5448-4, Sangdaewon-dong, Jungwon-gu,
Seongnam-si, Gyeonggi-do, KOREA

Sales Dept. TEL:82-31-730-5082

FAX:82-31-730-5152

Eng. Dept. TEL:82-31-730-5053

FAX:82-31-730-5153

ABCO ELECTRONICS CO., LTD.

■ Features

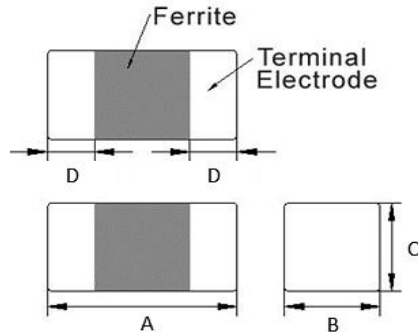
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

■ Ordering Code

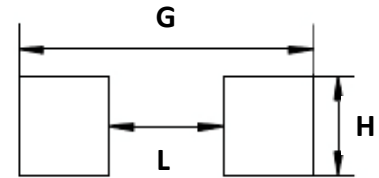
EDMC	160808	T	-	600	Y	-	ANQ
①	②	③		④	⑤		⑥

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
600 60	Y : ±25%	ANQ
121 120		
102 1000		

Shapes and Dimensions



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC160808-ANQ	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 ($\Omega \pm 25\%$)	Test Freq.	RDC(Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC160808T-600Y-ANQ	60	100MHz, 200mV	0.25	500
EDMC160808T-121Y-ANQ	120	100MHz, 200mV	0.30	400
EDMC160808T-221Y-ANQ	220	100MHz, 200mV	0.35	400
EDMC160808T-301Y-ANQ	300	100MHz, 200mV	0.40	400
EDMC160808T-601Y-ANQ	600	100MHz, 200mV	0.50	200
EDMC160808T-102Y-ANQ	1000	100MHz, 200mV	0.60	200

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

