

ABCO Bead COMPONENTS

AEC-Q200

EDMC201209-ABK 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	201209	T	-	600	Y	-	ABK
①	②	③		④	⑤		⑥

① Type	
EDMC	

② Dimensions(mm)
201209 : 2.0(L) × 1.25(W) × 0.9(T)

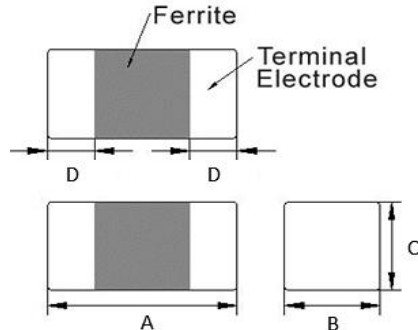
③ Packing	
T	TAPING

④ Impedance(Ω)	
600	60
121	120
102	1000

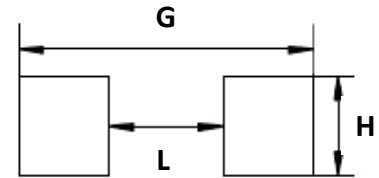
⑤ Tolerance
Y : ±25%

⑥ Internal Code
ABK

■ Shapes and Dimensions



■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC201209-ABK	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3

L(mm)	G(mm)	H(mm)
1.0~1.2	2.6~4.0	1.0~1.2

■ Electrical Characteristics

Part Number	Impedance ($\Omega \pm 25\%$)	Test Freq.	RDC(Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC201209T-600Y-ABK	60	100MHz, 200mV	0.15	500
EDMC201209T-800Y-ABK	80	100MHz, 200mV	0.15	500
EDMC201209T-121Y-ABK	120	100MHz, 200mV	0.25	300
EDMC201209T-201Y-ABK	200	100MHz, 200mV	0.30	300
EDMC201209T-221Y-ABK	220	100MHz, 200mV	0.30	300
EDMC201209T-301Y-ABK	300	100MHz, 200mV	0.30	300
EDMC201209T-471Y-ABK	470	100MHz, 200mV	0.40	300
EDMC201209T-601Y-ABK	600	100MHz, 200mV	0.40	300
EDMC201209T-102Y-ABK	1000	100MHz, 200mV	0.50	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

