

## EDMC201209-AUP Series



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Seongnam-si, Gyeonggi-do, KOREA

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### ■ Features

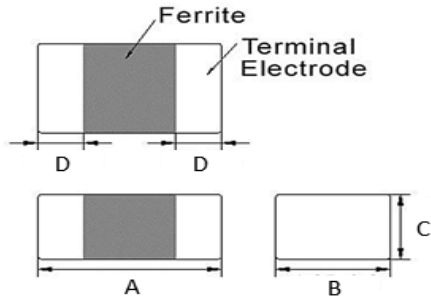
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

### ■ Ordering Code

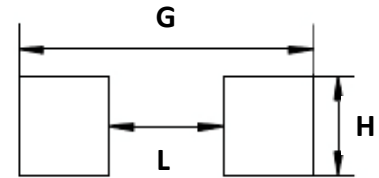
EDMC	201209	T	-	220	Y	-	AUP
①	②	③		④	⑤		⑥

① Type	② Dimensions(mm)	③ Packing
EDMC	201209 : 2.0(L) × 1.25(W) × 0.9(T)	T      TAPING
④ Impedance(Ω)	⑤ Tolerance	⑥ Internal Code
220      20	Y : ±25%	AUP
101      100		

### ■ Shapes and Dimensions



### ■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC201209-AUP	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( $\Omega$ ) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC201209T-220Y-AUP	22	100MHz, 200mV	0.012	6000
EDMC201209T-300Y-AUP	30	100MHz, 200mV	0.012	6000
EDMC201209T-500Y-AUP	50	100MHz, 200mV	0.015	6000
EDMC201209T-600Y-AUP	60	100MHz, 200mV	0.018	6000
EDMC201209T-800Y-AUP	80	100MHz, 200mV	0.020	6000
EDMC201209T-101Y-AUP	100	100MHz, 200mV	0.020	5000
EDMC201209T-121Y-AUP	120	100MHz, 200mV	0.020	5000
EDMC201209T-201Y-AUP	200	100MHz, 200mV	0.040	3000
EDMC201209T-221Y-AUP	220	100MHz, 200mV	0.040	3000
EDMC201209T-301Y-AUP	300	100MHz, 200mV	0.050	3000
EDMC201209T-331Y-AUP	330	100MHz, 200mV	0.050	3000

#### 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

