

## EDMC160808-AUP Series



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### ■ Features

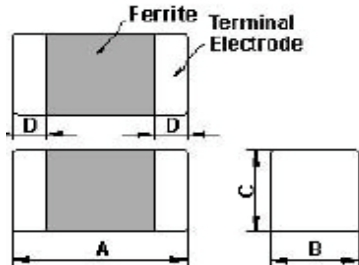
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

### ■ Ordering Code

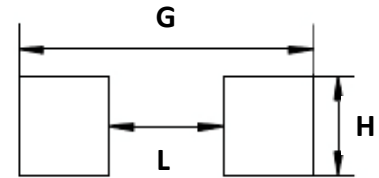
<b>EDMC</b>	<b>160808</b>	<b>T</b>	<b>-</b>	<b>300</b>	<b>Y</b>	<b>-</b>	<b>AUP</b>
①	②	③		④	⑤		⑥

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
300      30	Y : ±25%	AUP
121      120		

### ■ Shapes and Dimensions



### ■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC160808-AUP	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( $\Omega$ ) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC160808T-300Y-AUP	30	100MHz, 200mV	0.015	4500
EDMC160808T-101Y-AUP	100	100MHz, 200mV	0.030	3000
EDMC160808T-121Y-AUP	120	100MHz, 200mV	0.030	3000
EDMC160808T-181Y-AUP	180	100MHz, 200mV	0.050	2000
EDMC160808T-221Y-AUP	220	100MHz, 200mV	0.040	2500

#### 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

