

EDMC201209-APY Series



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■ Features

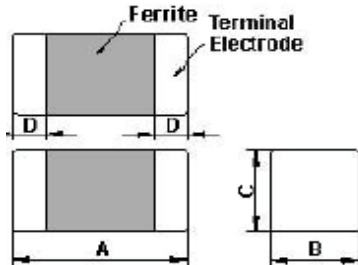
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

■ Ordering Code

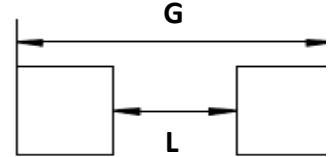
EDMC	201209	T	-	100	-	APY
①	②	③		④	⑤	⑥

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						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; text-align: center;">100</td> <td style="width: 50%; text-align: center;">10</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">121</td> <td style="text-align: center;">120</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">102</td> <td style="text-align: center;">1000</td> </tr> </table>	100	10	121	120	102	1000	Y : ±25%	APY
100	10							
121	120							
102	1000							

Shapes and Dimensions



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC201209-APY	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	1.0~1.4

Electrical Characteristics

Part Number	Impedance ($\Omega \pm 25\%$)	Test Frequency	RDC(Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC201209T-100Y-APY	10	100MHz, 200mV	0.010	6000
EDMC201209T-300Y-APY	30	100MHz, 200mV	0.015	4000
EDMC201209T-600Y-APY	60	100MHz, 200mV	0.030	3000
EDMC201209T-800Y-APY	80	100MHz, 200mV	0.040	3000
EDMC201209T-121Y-APY	120	100MHz, 200mV	0.040	3000
EDMC201209T-201Y-APY	200	100MHz, 200mV	0.050	2500
EDMC201209T-221Y-APY	220	100MHz, 200mV	0.080	2000
EDMC201209T-301Y-APY	300	100MHz, 200mV	0.080	2000
EDMC201209T-471Y-APY	470	100MHz, 200mV	0.100	2000
EDMC201209T-601Y-APY	600	100MHz, 200mV	0.100	2000
EDMC201209T-102Y-APY	1000	100MHz, 200mV	0.120	1500

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

