

ABCO Bead COMPONENTS

EDMC201209-PY Series



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ABCO ELECTRONICS CO., LTD.

EDMC201209-PY Series



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▣ Features

1. This specification applies to MULTILAYER FERRITE CHIP BEADS
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

▣ Ordering Code

EDMC	201209	T	-	100	Y	-	PY
①	②	③		④	⑤		⑥

① Type	
EDMC	

② Dimensions(mm)	
201209 : 2.0(L) × 1.2(W) × 0.9(T)	

③ Packing	
T	TAPING

④ Impedance(Ω)	
100	10
121	120
102	1000

⑤ Tolerance	
Y : ±25%	

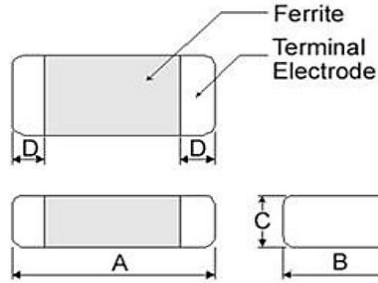
⑥ Internal Code	
PY	

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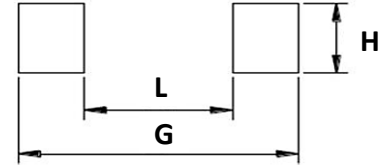


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Shapes and Dimensions



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC201209-PY	2.0±0.2	1.25±0.20	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 (MHz)	RDC (Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC201209T-100Y-PY	10	100	0.010	6000
EDMC201209T-110Y-PY	11	100	0.010	6000
EDMC201209T-170Y-PY	17	100	0.020	5000
EDMC201209T-300Y-PY	30	100	0.015	4000
EDMC201209T-500Y-PY	50	100	0.025	3000
EDMC201209T-600Y-PY	60	100	0.030	3000
EDMC201209T-700Y-PY	70	100	0.040	3000
EDMC201209T-800Y-PY	80	100	0.040	3000
EDMC201209T-101Y-PY	100	100	0.040	3000
EDMC201209T-121Y-PY	120	100	0.040	3000
EDMC201209T-221Y-PY	220	100	0.080	2000
EDMC201209T-301Y-PY	300	100	0.080	2000
EDMC201209T-331Y-PY	330	100	0.080	2000
EDMC201209T-471Y-PY	470	100	0.100	2000
EDMC201209T-601Y-PY	600	100	0.100	2000
EDMC201209T-102Y-PY	1000	100	0.120	1500
EDMC201209T-152Y-PY	1500	100	0.300	1000

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

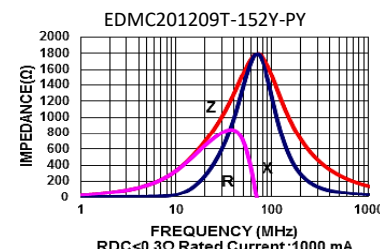
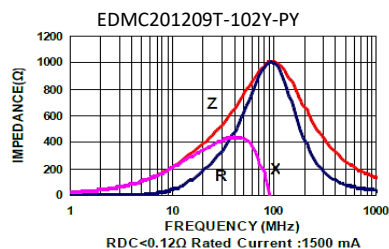
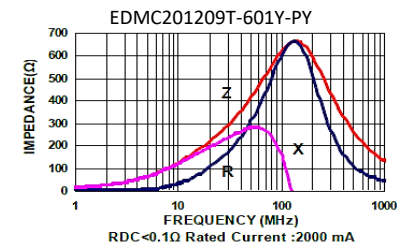
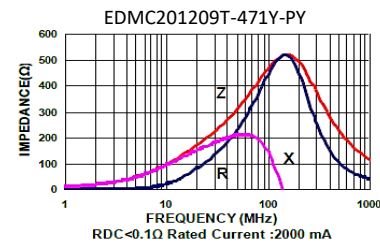
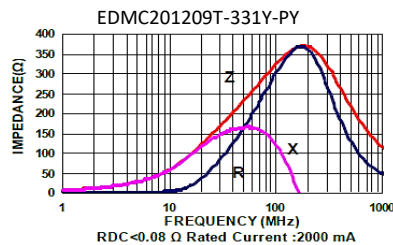
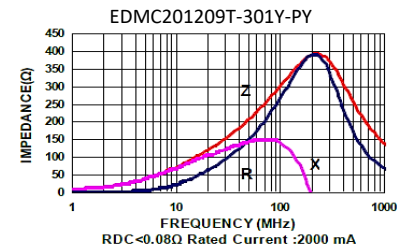
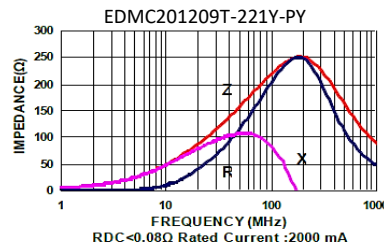
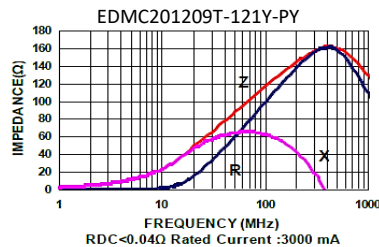
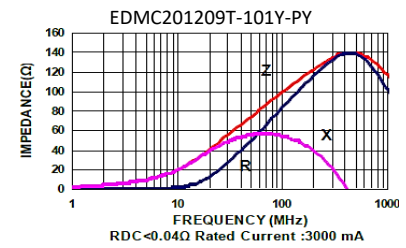
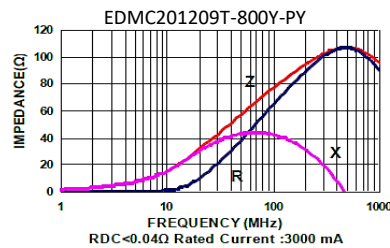
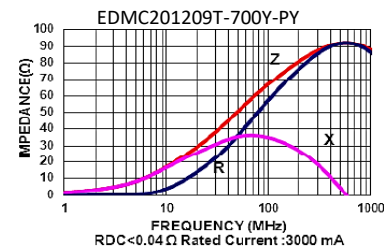
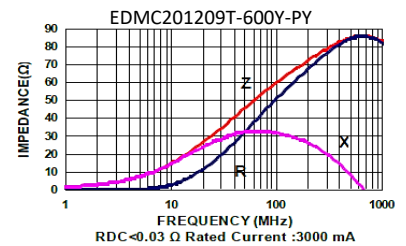
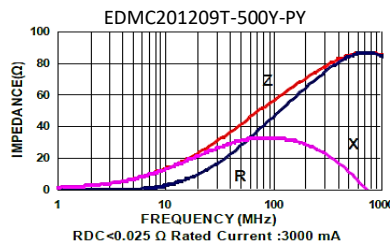
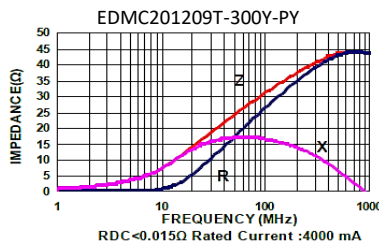
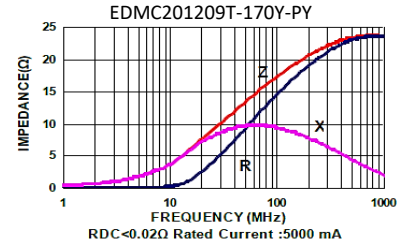
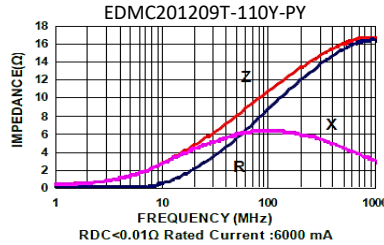
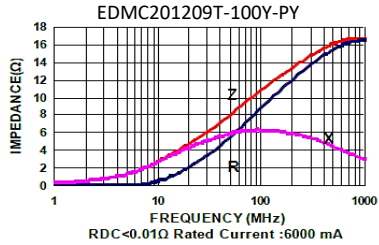
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Graph



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