

ABCO Bead COMPONENTS

EDMC100505-PY Series



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ABCO ELECTRONICS CO., LTD.

EDMC100505-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	100505	T	-	100	Y	-	PY
①	②	③		④	⑤		⑥

① Type	
EDMC	

② Dimensions(mm)	
100505 : 1.0(L) × 0.5(W) × 0.5(T)	

③ Packing	
T	TAPING

④ Impedance(Ω)	
100	10
121	120
102	1000

⑤ Tolerance	
Y : ±25%	

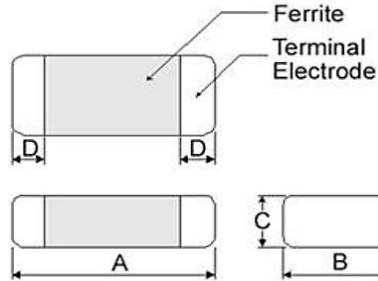
⑥ Internal Code	
PY	

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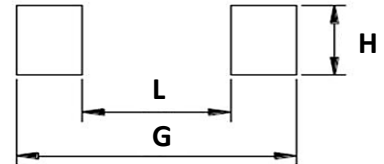


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■ Shapes and Dimensions



■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC100505-PY	1.0±0.10	0.5±0.10	0.5±0.10	0.25±0.10

L(mm)	G(mm)	H(mm)
0.4	1.2~1.4	0.5

■ Electrical Characteristics

Part Number	Impedance ($\Omega \pm 25\%$)	Test Frequency (MHz)	RDC (Ω) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC100505T-100Y-PY	10	100	0.030	2000
EDMC100505T-250Y-PY	25	100	0.050	1700
EDMC100505T-300Y-PY	30	100	0.050	1700
EDMC100505T-320Y-PY	32	100	0.050	1700
EDMC100505T-400Y-PY	40	100	0.075	1500
EDMC100505T-500Y-PY	50	100	0.075	1500
EDMC100505T-600Y-PY	60	100	0.075	1500
EDMC100505T-680Y-PY	68	100	0.090	1200
EDMC100505T-700Y-PY	70	100	0.090	1200
EDMC100505T-800Y-PY	80	100	0.090	1200
EDMC100505T-101Y-PY	100	100	0.090	1200
EDMC100505T-121Y-PY	120	100	0.090	1400
EDMC100505T-151Y-PY	150	100	0.140	1400
EDMC100505T-181Y-PY	180	100	0.140	900
EDMC100505T-221Y-PY	220	100	0.180	1100
EDMC100505T-601Y-PY	600	100	0.340	700
EDMC100505T-102Y-PY	1000	100	0.490	500

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

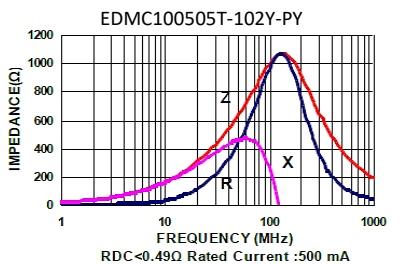
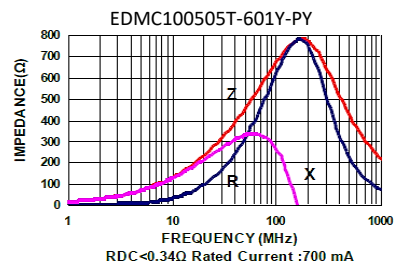
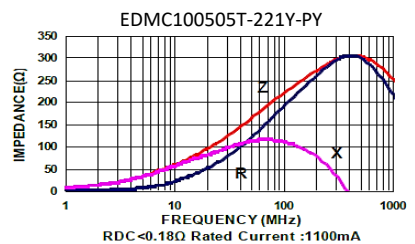
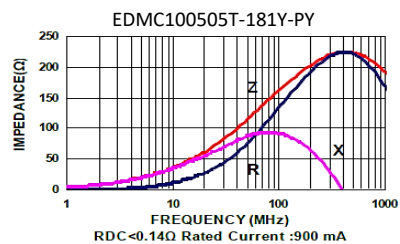
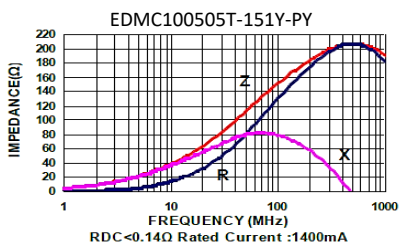
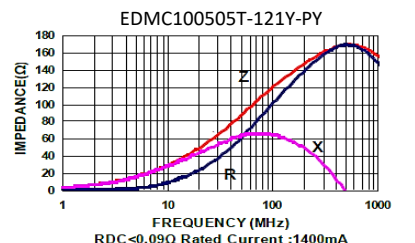
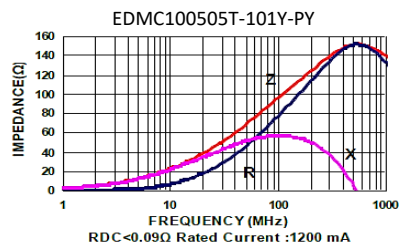
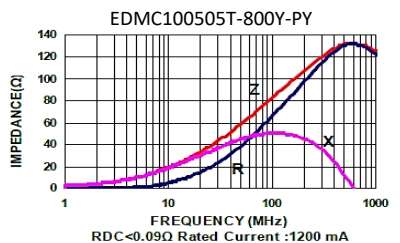
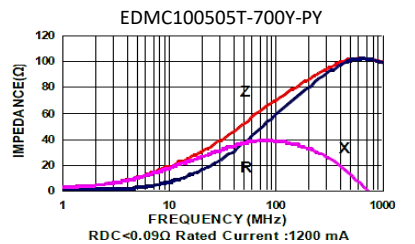
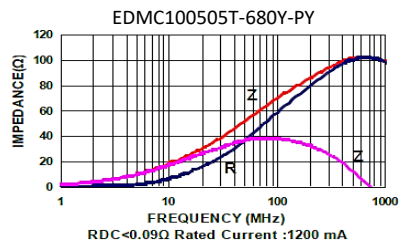
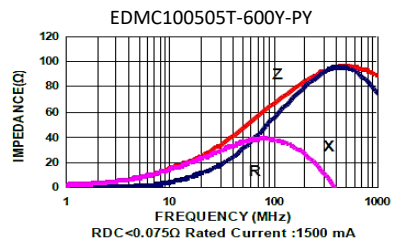
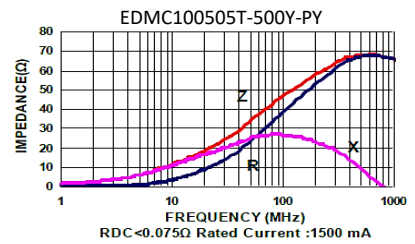
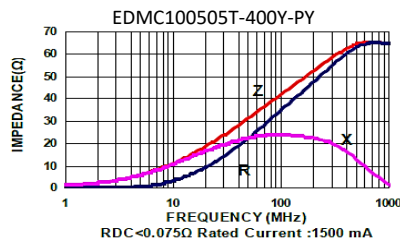
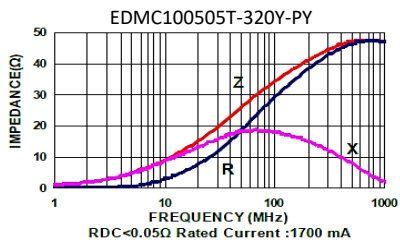
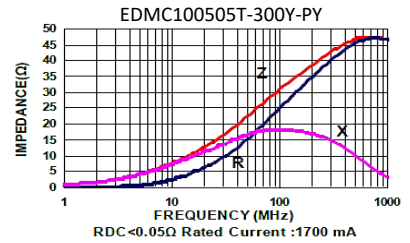
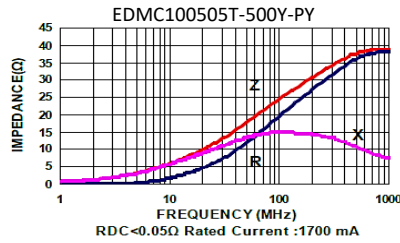
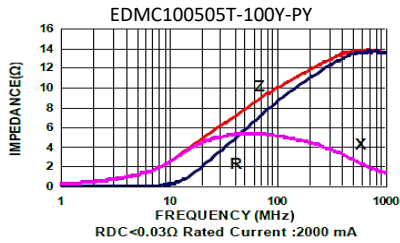
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Graph



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