

ABCO Bead COMPONENTS

EDMC100505-FJ Series



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ABCO ELECTRONICS CO., LTD.

EDMC100505-FJ Series



<http://www.abco.co.kr>

▣ 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	-	601	Y	-	FJ
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)	
601	600
102	1000

⑤ Tolerance	
Y : ±25%	

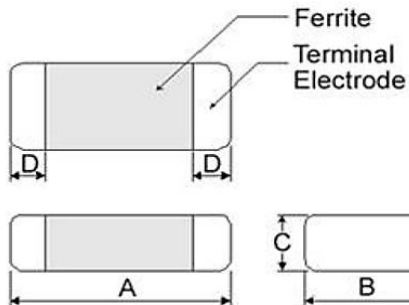
⑥ Internal Code	
FJ	

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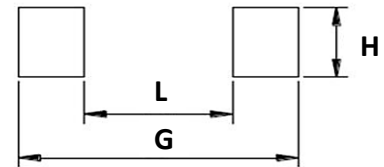


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■ Shapes and Dimensions



■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC100505-FJ	1.0±0.1	0.5±0.1	0.5±0.1	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 Freq. (MHz)	Impedance ($\Omega \pm 40\%$)	Test Freq. (MHz)	RDC (Ω) Max.	Rated Current(mA)
						$\Delta T = 30^\circ\text{C}$ Max.
EDMC100505T-601Y-FJ	600	100	1400	1000	0.85	300
EDMC100505T-102Y-FJ	1000	100	2000	1000	1.25	250
EDMC100505T-152Y-FJ	1500	100	2400	1000	1.80	230
EDMC100505T-182Y-FJ	1800	100	2700	1000	2.20	200

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

