

ABCO Bead COMPONENTS

## EDMC160808-BK Series



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ABCO ELECTRONICS CO., LTD.

# EDMC160808-BK 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

<b>EDMC</b>	<b>160808</b>	<b>T</b>	<b>-</b>	<b>100</b>	<b>Y</b>	<b>-</b>	<b>BK</b>
①	②	③		④	⑤		⑥

① Type	
EDMC	

② Dimensions(mm)
160808 : 1.6(L) × 0.8(W) × 0.8(T)

③ Packing	
T	TAPING

④ Impedance(Ω)	
100	10
121	120
102	1000

⑤ Tolerance
Y : ±25%

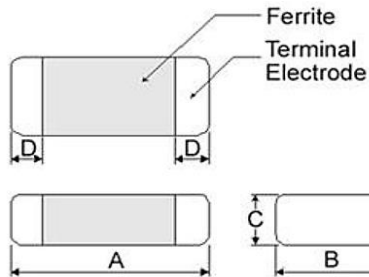
⑥ Internal Code
BK

# EDMC160808-BK Series

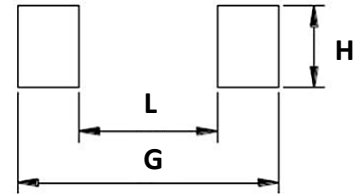


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## ■ Shapes and Dimensions



## ■ Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(mm)
EDMC160808-BK	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 Frequency (MHz)	RDC ( $\Omega$ ) Max.	Rated Current(mA)
				$\Delta T = 30^\circ\text{C}$ Max.
EDMC160808T-100Y-BK	10	100	0.05	500
EDMC160808T-110Y-BK	11	100	0.05	500
EDMC160808T-300Y-BK	30	100	0.10	400
EDMC160808T-310Y-BK	31	100	0.10	400
EDMC160808T-600Y-BK	60	100	0.10	400
EDMC160808T-800Y-BK	80	100	0.15	400
EDMC160808T-121Y-BK	120	100	0.25	400
EDMC160808T-221Y-BK	220	100	0.30	300
EDMC160808T-301Y-BK	300	100	0.40	300
EDMC160808T-471Y-BK	470	100	0.50	300
EDMC160808T-601Y-BK	600	100	0.50	300
EDMC160808T-102Y-BK	1000	100	0.60	300
EDMC160808T-152Y-BK	1500	100	0.60	300
EDMC160808T-182Y-BK	1800	100	0.80	200
EDMC160808T-202Y-BK	2000	100	0.80	200
EDMC160808T-222Y-BK	2200	100	0.80	200
EDMC160808T-252Y-BK	2500	100	0.80	200
EDMC160808T-272Y-BK	2700	100	0.80	200

### 1. Testing Instrument

- Impedance : HP4291A
- RDC :HP4338B or CHEN HWA 502

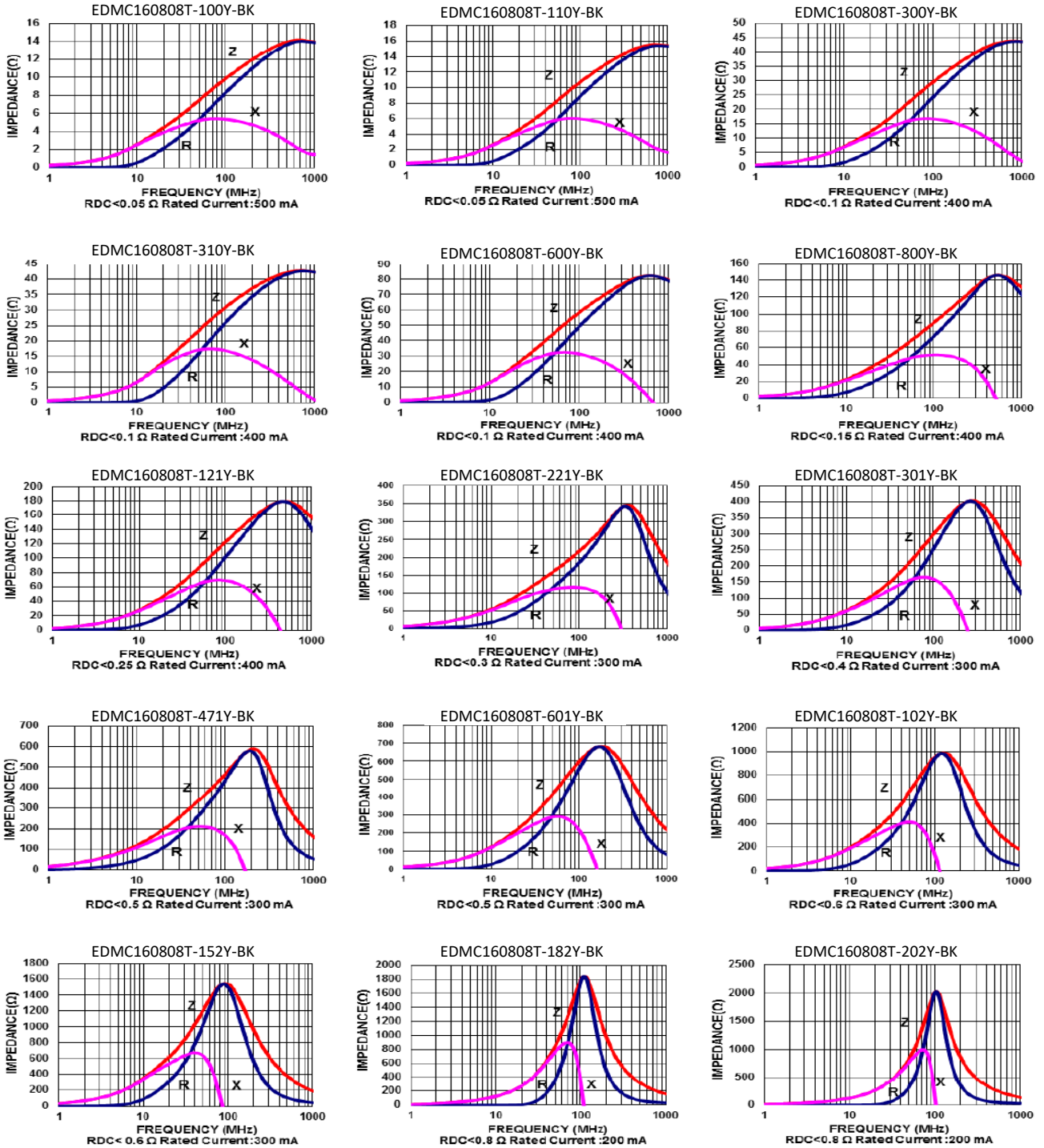
### 2. Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C

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## Graph



Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before your order and/or use.

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## ■ Graph

