

Chip Bead CBAM Series

Automotive AEC-Q200

Product Identification

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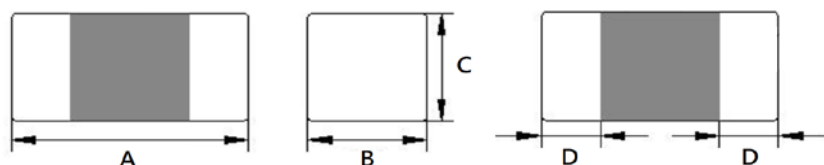
Series name	Dimensions (LxWxH)		Internal Code
CBAM	100505	1.0 x 0.5 x 0.5 mm	T
	160808	1.6 x 0.8 x 0.8 mm	

Inductance		Tolerance	
R47	0.47	Y	25%
1R0	1		
R82	0.82		

Rating

Operating Temperature range : -40°C ~ +125°C

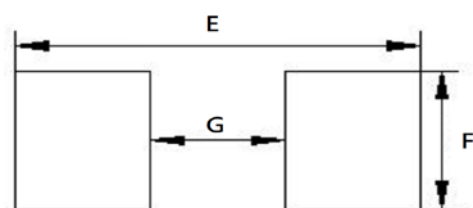
Shape and Dimension



Dimensions in mm

TYPE	A	B	C	D
CBAM100505	1.00±0.10	0.50±0.10	0.50±0.10	0.25±0.10
CBAM160808	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20

Recommended PCB Pattern



Dimensions in mm

TYPE	E	F	G
CBAM100505	1.20-1.40	0.50	0.40
CBAM160808	1.80-2.00	0.60-0.80	0.70-0.80

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Electrical Characteristics (CBAM100505 TYPE)

Part No.	Impedance (Ω)	Tolerance (%)	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Test Frequency
CBAM100505T-300Y	30	25%	0.20	500	100 MHz / 200 mV
CBAM100505T-600Y	60	25%	0.20	500	100 MHz / 200 mV
CBAM100505T-121Y	120	25%	0.25	500	100 MHz / 200 mV
CBAM100505T-221Y	220	25%	0.40	400	100 MHz / 200 mV
CBAM100505T-301Y	300	25%	0.50	300	100 MHz / 200 mV
CBAM100505T-481Y	480	25%	0.50	300	100 MHz / 200 mV
CBAM100505T-601Y	600	25%	0.60	300	100 MHz / 200 mV
CBAM100505T-102Y	1000	25%	0.95	200	100 MHz / 200 mV
CBAM100505T-152Y	1500	25%	1.15	100	100 MHz / 200 mV

Electrical Characteristics (CBAM160808 TYPE)

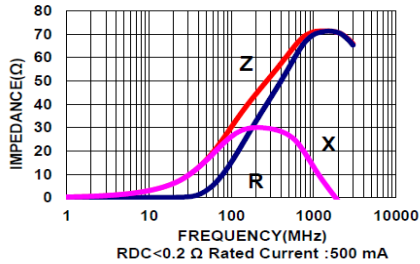
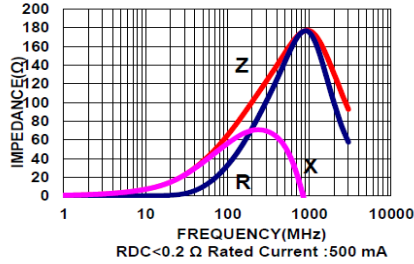
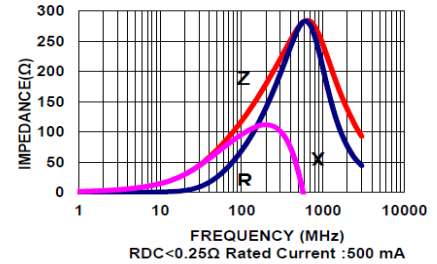
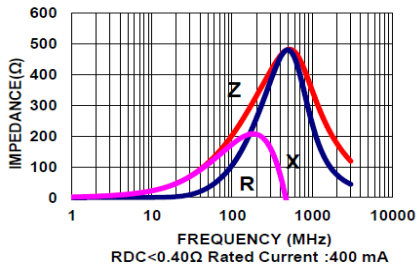
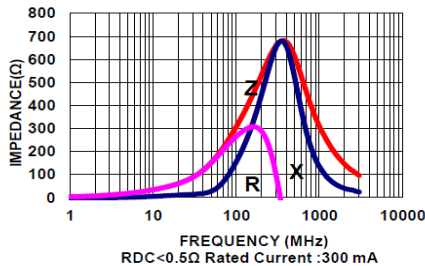
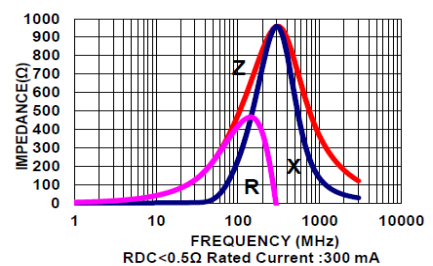
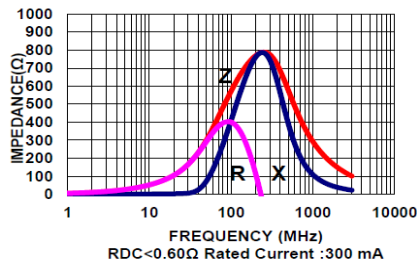
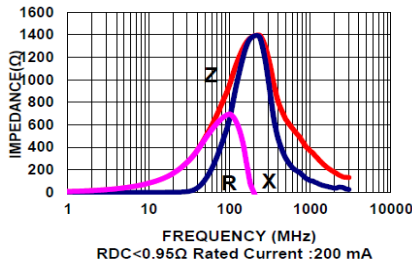
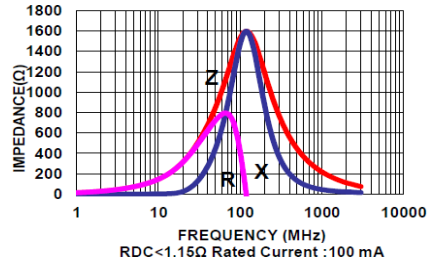
Part No.	Impedance (Ω)	Tolerance (%)	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Test Frequency
CBAM160808T-121Y	120	25%	0.25	400	100 MHz / 200 mV
CBAM160808T-601Y	600	25%	0.40	400	100 MHz / 200 mV
CBAM160808T-102Y	1000	25%	0.60	300	100 MHz / 200 mV
CBAM160808T-182Y	1800	25%	1.00	200	100 MHz / 200 mV
CBAM160808T-252Y	2500	25%	1.00	200	100 MHz / 200 mV

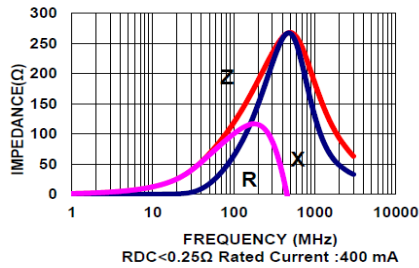
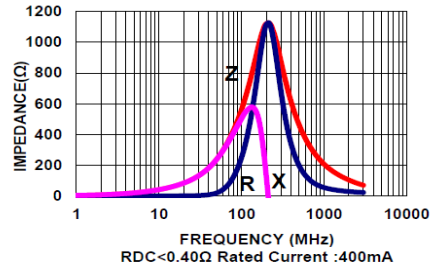
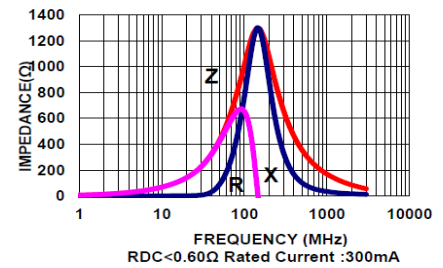
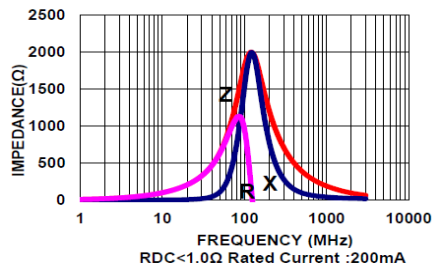
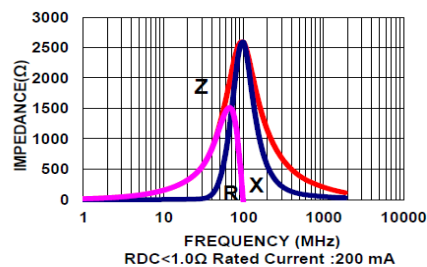
NOTE

1. When ordering, please specify tolerance code. Tolerance: Y=±25%
2. Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
3. Measure Equipment :

Z : HP4291A

RDC : HP4338B or CHEN HWA 502

Characteristics Graph (CBAM100505 Type)
CBAM100505T-300Y

CBAM100505T-600Y

CBAM100505T-121Y

CBAM100505T-221Y

CBAM100505T-301Y

CBAM100505T-481Y

CBAM100505T-601Y

CBAM100505T-102Y

CBAM100505T-152Y


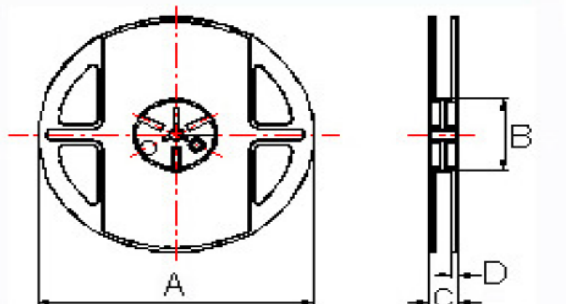
Characteristics Graph (CBAM160808 Type)
CBAM160808T-121Y

CBAM160808T-601Y

CBAM160808T-102Y

CBAM160808T-182Y

CBAM160808T-252Y


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1. Packing Specifications

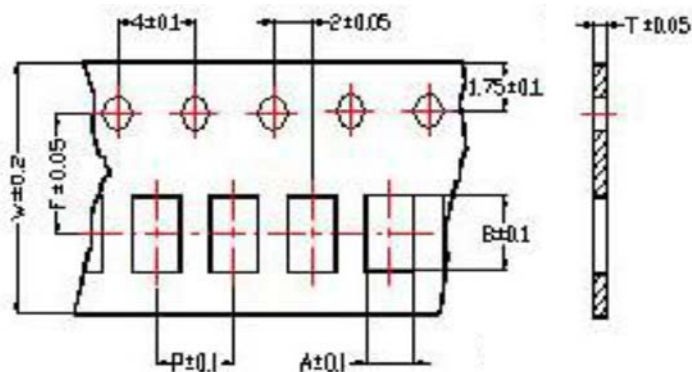
1. Reel Dimensions



Reel Dimension(mm)

TYPE	PCS / Reel	A	B	C	D
CBAM100505	10000	178	60	12	2
CBAM160808	4000	178	60	12	2

2. Tape Dimensions



Tape Dimension(mm)

TYPE	A	B	T	W	P	F
CBAM100505	0.62	1.12	0.60	8	2	3.5
CBAM160808	1.05	1.85	0.95	8	4	3.5

3. Tape Material

Cover Tape: Polystyrene

