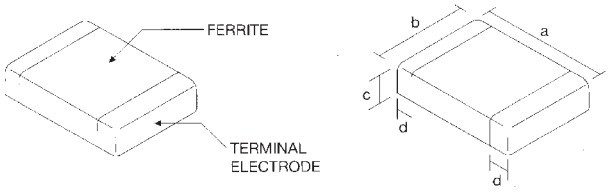
SURFACE MOUNT BEADS
IB Series: Beads

INTRODUCTION

Beads are used to control electromagnetic interference. These beads use magnetic materials and multilayer technology. There are no windings. These beads are applicable for flow and reflow soldering. Terminations are silver, nickel, then tin plated.

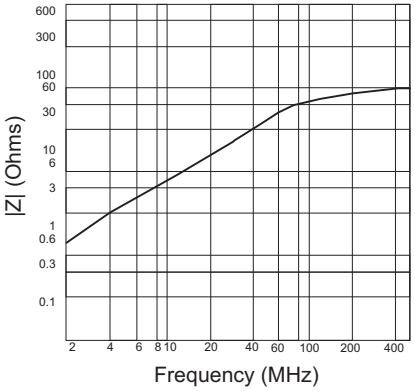


Type	EIA Code	Impedance ±25% 100MHz	DC Resistance (max)	Rated Current mA(max)	Dimensions (mm)			
					A	B	C	D
IB160808B110QN	0603	11	0.03	4000	1.6	0.8	0.8	0.40
IB160808B260QN	0603	26	0.1	500	1.6	0.8	0.8	0.40
IB160808B310QN	0603	31	0.2	200	1.6	0.8	0.8	0.40
IB160808B400QN	0603	40	0.2	200	1.6	0.8	0.8	0.40
IB160808B680QN	0603	68	0.2	200	1.6	0.8	0.8	0.40
IB160808B700QN	0603	70	0.2	200	1.6	0.8	0.8	0.40
IB160808B101QN	0603	100	0.2	200	1.6	0.8	0.8	0.40
IB160808B121QN	0603	120	0.4	200	1.6	0.8	0.8	0.40
IB160808B201QN	0603	200	0.3	200	1.6	0.8	0.8	0.40
IB160808B301QN	0603	300	0.5	200	1.6	0.8	0.8	0.40
IB160808B421QN	0603	420	0.5	200	1.6	0.8	0.8	0.40
IB160808B601QN	0603	600	0.8	150	1.6	0.8	0.8	0.40
IB160808B801QN	0603	800	0.8	150	1.6	0.8	0.8	0.40
IB160808B102QN	0603	1000	1.0	100	1.6	0.8	0.8	0.40
IB201209F070QN	0805	7	0.1	600	2.0	1.2	0.9	0.50
IB201209D110QN	0805	11	0.1	600	2.0	1.2	0.9	0.50
IB201209B170QN	0805	17	0.1	600	2.0	1.2	0.9	0.50
IB201209B260QN	0805	26	0.1	600	2.0	1.2	0.9	0.50
IB201209B400QN	0805	40	0.2	200	2.0	1.2	0.9	0.50
IB201209B600QN	0805	60	0.2	200	2.0	1.2	0.9	0.50
IB201209B800QN	0805	80	0.2	200	2.0	1.2	0.9	0.50
IB201209B101QN	0805	100	0.2	200	2.0	1.2	0.9	0.50
IB201209B121QN	0805	120	0.2	200	2.0	1.2	0.9	0.50
IB201209B151QN	0805	150	0.2	200	2.0	1.2	0.9	0.50
IB201209B221QN	0805	220	0.2	200	2.0	1.2	0.9	0.50
IB201209B301QN	0805	300	0.2	200	2.0	1.2	0.9	0.50
IB201209B401QN	0805	400	0.3	200	2.0	1.2	0.9	0.50
IB201209B601QN	0805	600	0.4	200	2.0	1.2	0.9	0.50
IB201209B102QN	0805	1000	0.5	200	2.0	1.2	0.9	0.50
IB321611F190QN	1206	19	0.1	500	3.2	1.6	1.1	0.75
IB321611B260QN	1206	26	0.1	500	3.2	1.6	1.1	0.75
IB321611B310QN	1206	31	0.1	500	3.2	1.6	1.1	0.75
IB321611B500QS	1206	50	0.03	3000	3.2	1.6	1.1	0.75
IB321616F520QN	1206	52	0.2	200	3.2	1.6	1.1	0.75
IB321611B520QN	1206	52	0.004	3000	3.2	1.6	1.6	0.75
IB321611B600QN	1206	60	0.2	200	3.2	1.6	1.1	0.75
IB321611B700QN	1206	70	0.2	200	3.2	1.6	1.1	0.75
IB321611B700QS	1206	70	0.05	2000	3.2	1.6	1.1	0.75
IB321611F750QN	1206	75	0.2	200	3.2	1.6	1.1	0.75
IB321611B800QN	1206	80	0.2	200	3.2	1.6	1.1	0.75
IB321611B900QS	1206	90	0.06	1500	3.2	1.6	1.1	0.75
IB321611B101QN	1206	100	0.2	200	3.2	1.6	1.1	0.75
IB321611B121QN	1206	120	0.2	200	3.2	1.6	1.1	0.75
IB321611B151QN	1206	150	0.2	200	3.2	1.6	1.1	0.75
IB321511B221QN	1206	220	0.2	200	3.2	1.6	1.1	0.75
IB321611B301QN	1206	300	0.3	200	3.2	1.6	1.1	0.75
IB321611B601QN	1206	600	0.3	200	3.2	1.6	1.1	0.75
IB321611B102QN	1206	1000	0.4	200	3.2	1.6	1.1	0.75

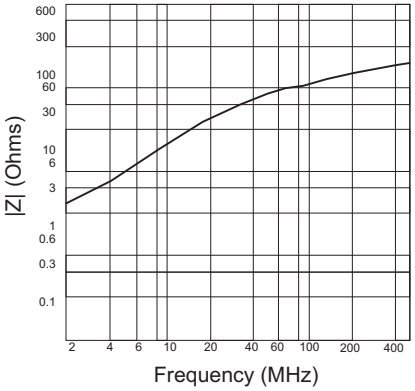
*Impedance vs. Frequency curves on following pages. Other values and sizes are available, contact RFE International.

SURFACE MOUNT BEADS
IB Curves

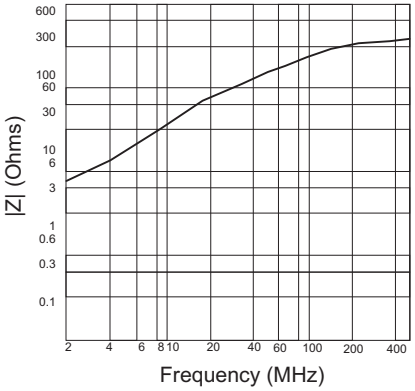
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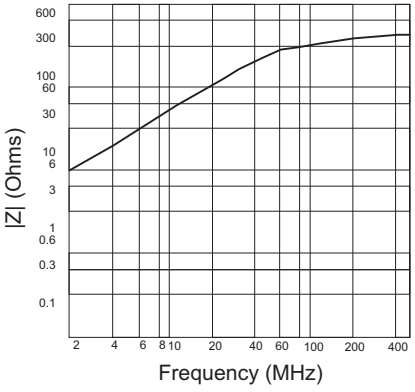
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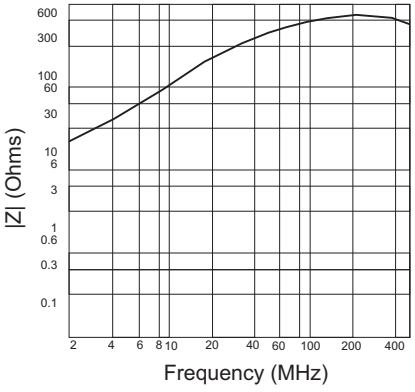
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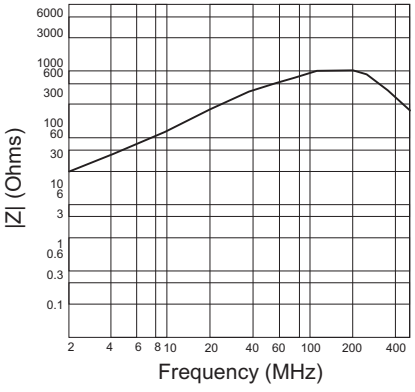
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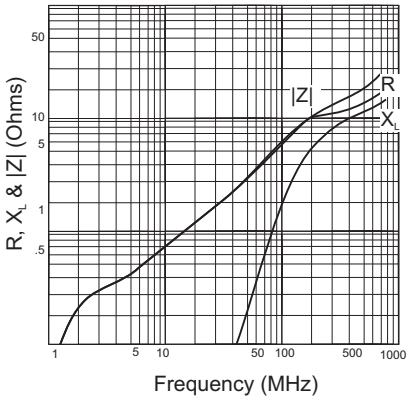
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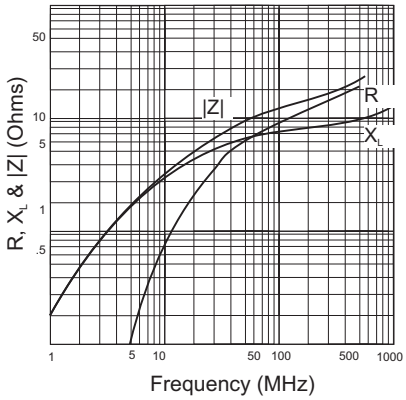
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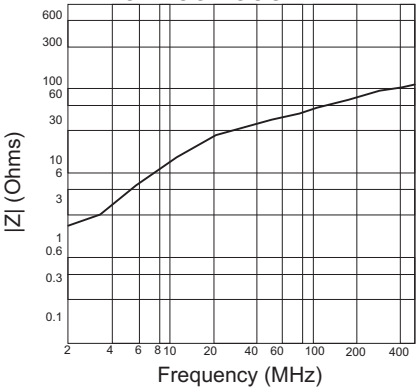
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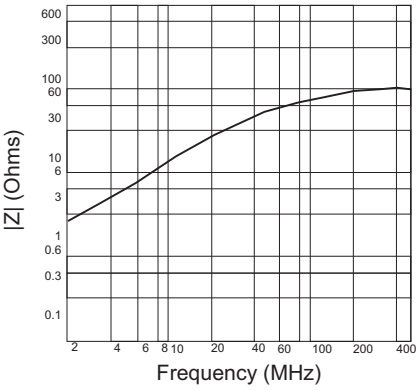
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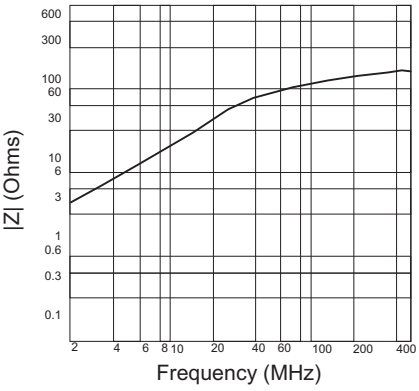
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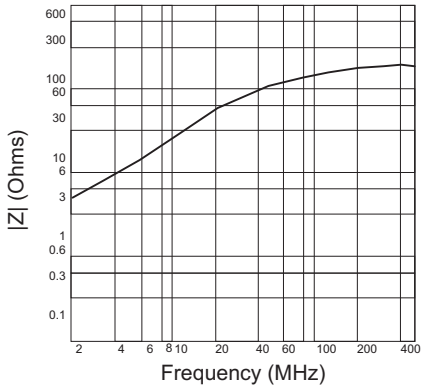
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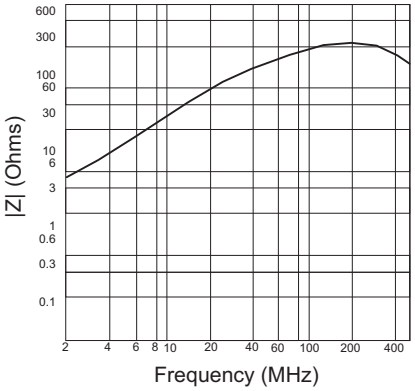


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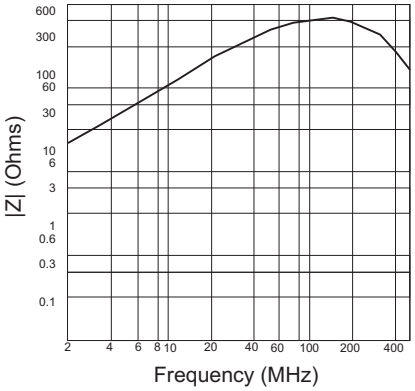


SURFACE MOUNT BEADS
IB Curves

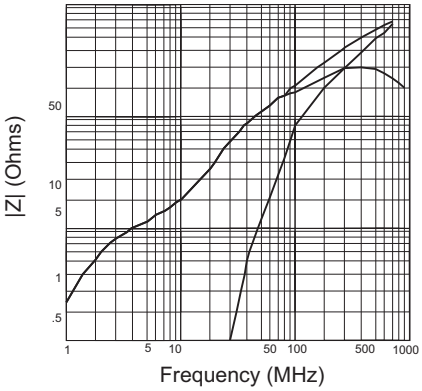
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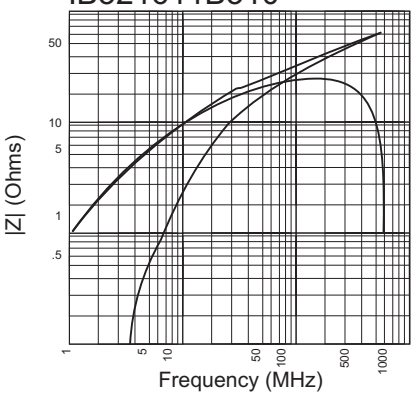
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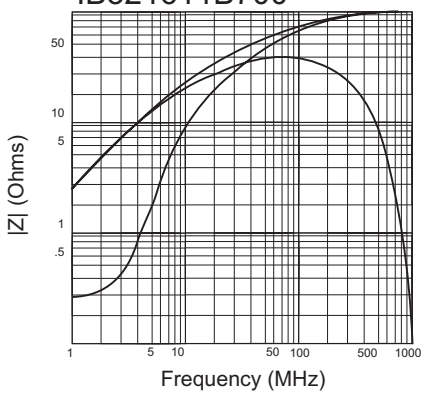
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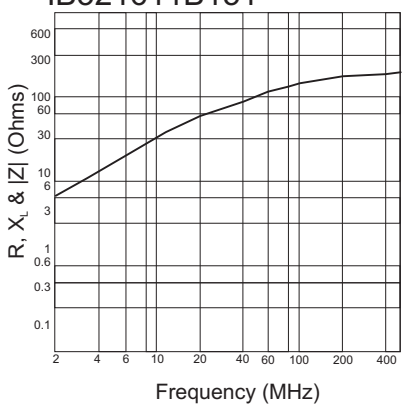
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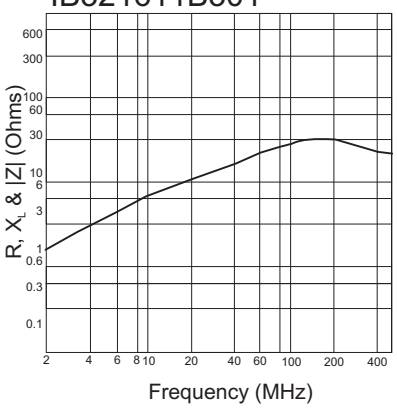
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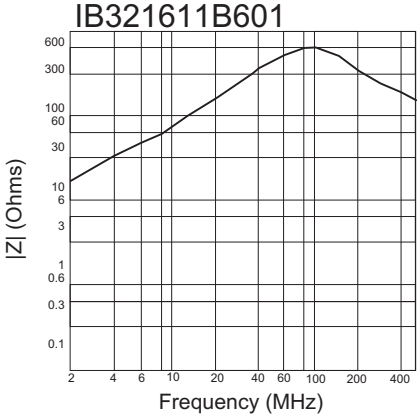
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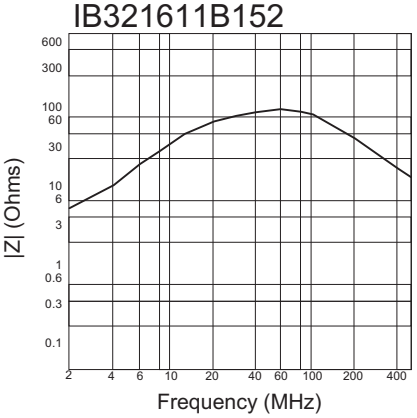
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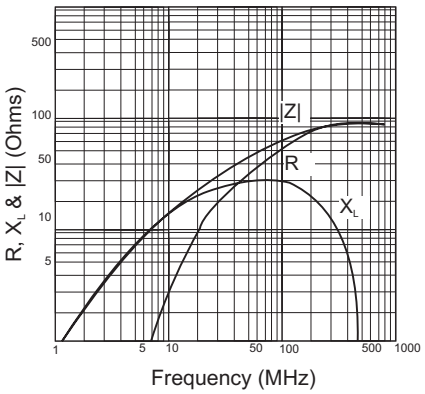


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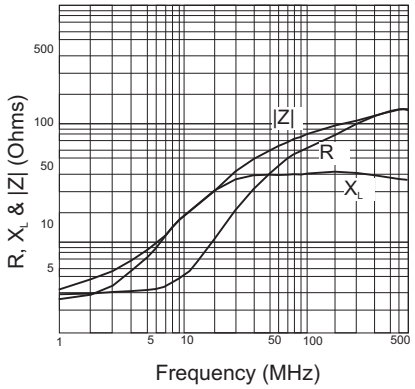


SURFACE MOUNT BEADS
IB Curves and Material Codes

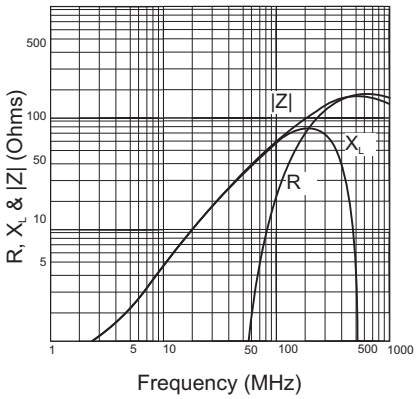
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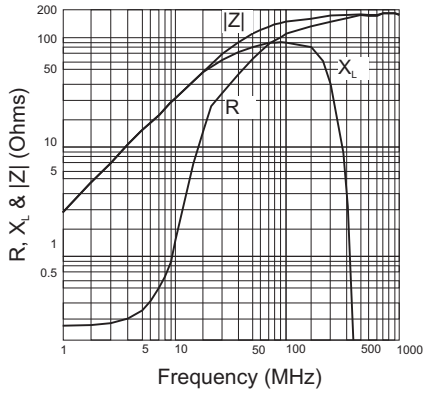
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IB453215B700



IB453215B151



■ Material Code (The material code is assigned by the factory)

CHARACTERISTICS		CODE						
		CB8	B	C	N	H	K	V
Practical Frequency	(MHz)	0.3~7.0	1.0~80	1.0~50	0.5~30	0.5~20	0.1~5.0	0.1~3.0
Initial Perm	±25%	200	15	20	40	80	120	180
Tan iac $X10^{-6}$	(MHz)	150(0.3)	150(1.0)	150(1.0)	90(0.5)	100(0.5)	25(0.1)	3(0.1)
		300(7.0)	700(8.0)	550(50)	250(30)	350(20)	160(5.0)	90(3.0)
r	X 10-6/°C	30	25	25	5	5	15	20
Bms	Gauss	3400	3500	3500	3400	3300	3200	3000
		20(Oe)	20(Oe)	20(Oe)	20(Oe)	20(Oe)	20(Oe)	20(Oe)
Tc	°C	>200	>250	>250	>250	>200	>200	>200
Volume Resistivity	·cm	10^7	10^8	10^8	10^8	10^8	10^8	10^8
Density	g/cm3	4.9	4.9	4.9	4.9	4.9	4.9	4.9