

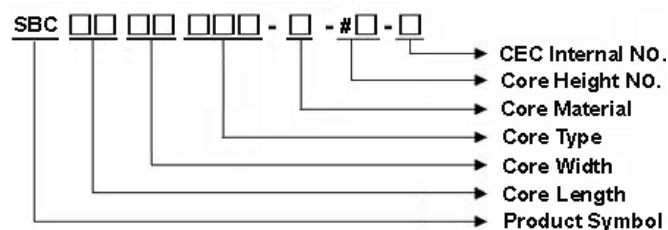
SBC Series



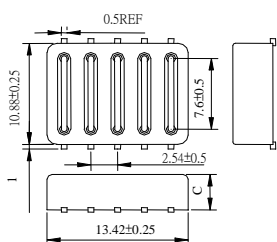
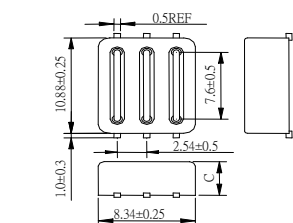
Features

- RoHS Compliant
- Jumped wires are oxygen free, and high conductivity copper with 95/5 tin/lead coating.
- Compact and high performance.
- Easy installation.

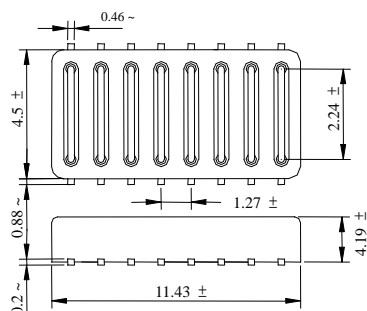
Product Identification



Shapes and Dimensions



SBC1105F16HT-B246-N

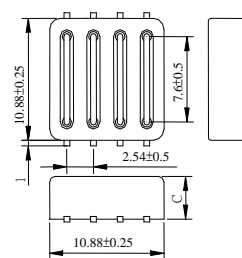


Chilisin's EMI PC Beads provide a powerful function of EMI/RFI attenuation for electronic equipment. Multiple single turn printed circuit beads or multi-turn printed circuit beads are available in three sizes with B material.

With tinned copper jumper wires, these beads could complete the desired winding configuration on the printed circuit boards.

Applications

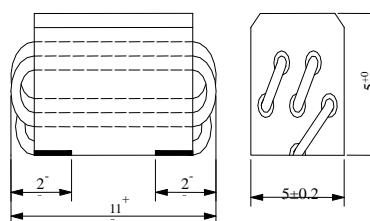
The PC Beads mainly used in the PC board of personal computers, microcomputers and relative devices to filter the EMI from the outside.



C size

Dimensions in mm

TYPE	C	
SBC0810F6H-B#-N	-#1	3.81
	-#2	5.08
	-#3	6.35
SBC1010F8H-B#-N	-#4	7.62
	-#5	8.09
SBC1310F10H-B#-N	-#6	10.15

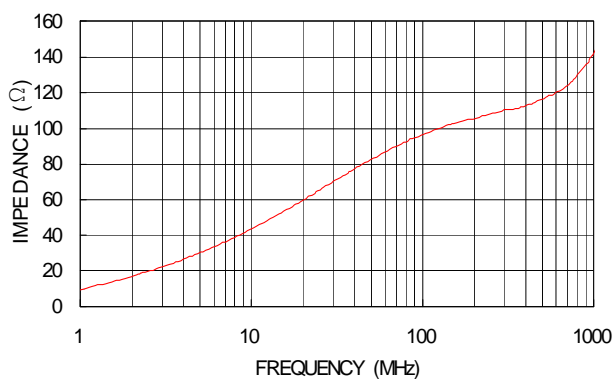


Electrical Characteristics

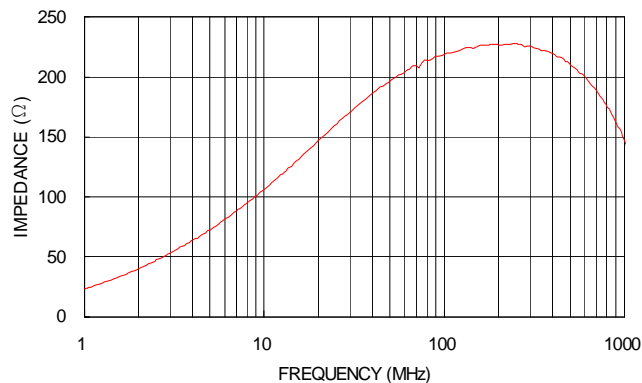
Part Number	Impedance at 100 MHz (unit : Ω)					
	B-# 1	B-# 2	B-# 3	B-# 4	B-# 5	B-# 6
SBC0810F6H	65 ⁻⁰	100 ⁻⁰	120 ⁻⁰	155 ⁻⁰	170 ⁻⁰	270 ⁻⁰
SBC1010F8H	65 ⁻⁰	100 ⁻⁰	120 ⁻⁰	155 ⁻⁰	170 ⁻⁰	270 ⁻⁰
SBC1310F10H	65 ⁻⁰	100 ⁻⁰	120 ⁻⁰	155 ⁻⁰	170 ⁻⁰	270 ⁻⁰

Test Instruments : HP4291A RF Impedance Analyzer

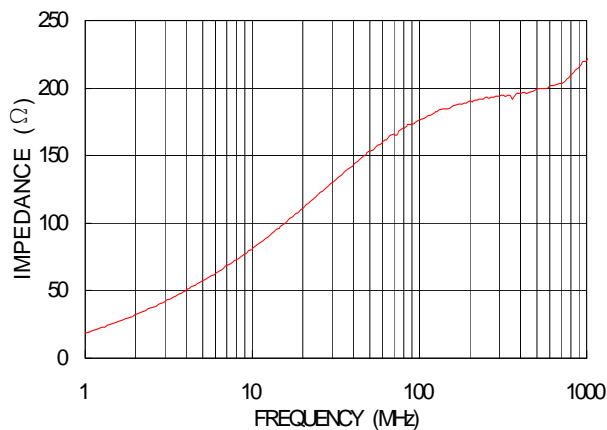
SBC0810F6H-B-#1-N



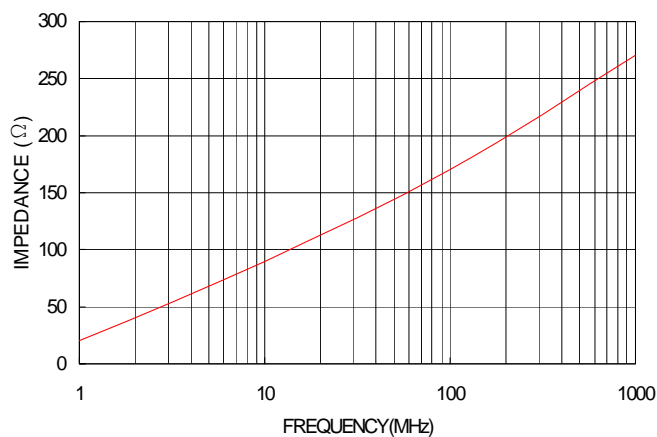
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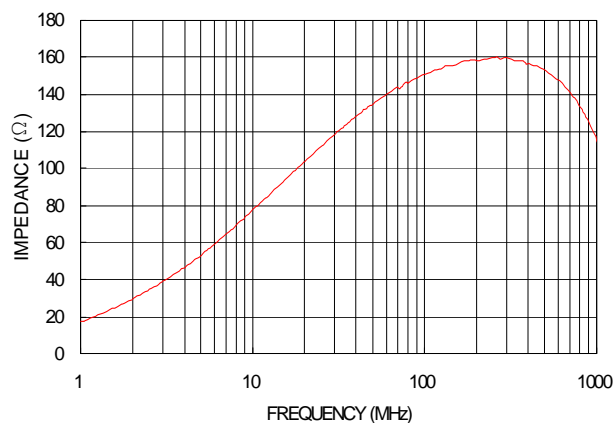
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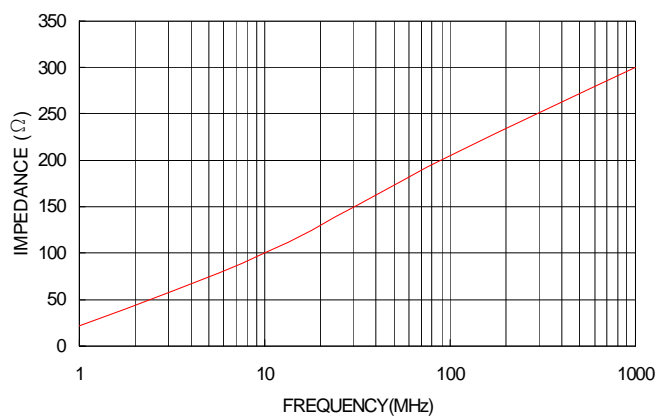
SBC1310F10H-B-#3-N



SBC1010F8H-B-#2-N



SBC1310F10H-B-#5-N

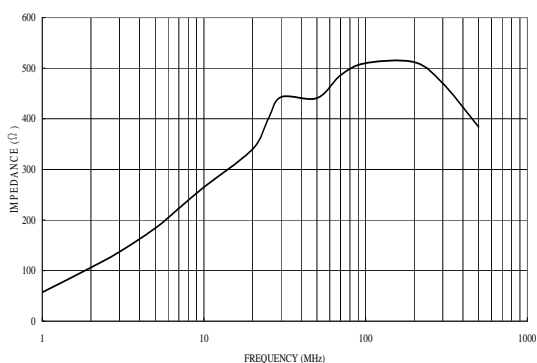


Electrical Characteristics

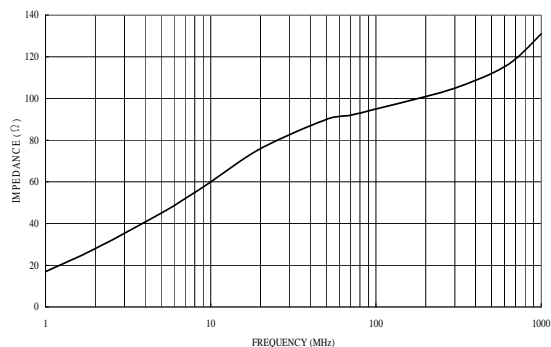
Part Number	Impedance (Ω)	Test Frequency (MHz)	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (m Ω) Max
SBC0508F6HT-B-N	340 ⁻⁰	25	600 \pm 25%	100	7.5
SBC1105F16HT-B246-N	-	-	80 ⁻⁰	100	10

Test Instruments : HP4191A RF Impedance Analyzer

SBC0508F6HT-B-N

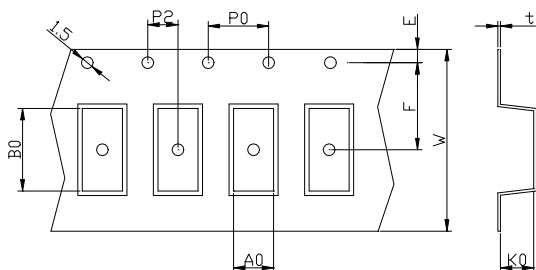


SBC1105F16H-B246-N

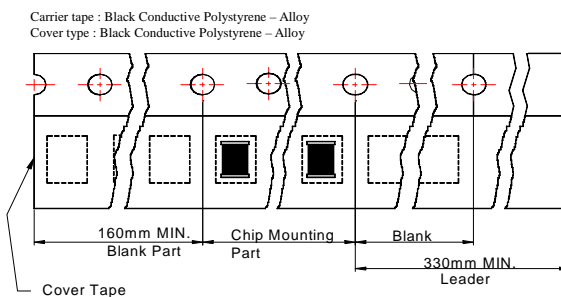


Packaging Specifications

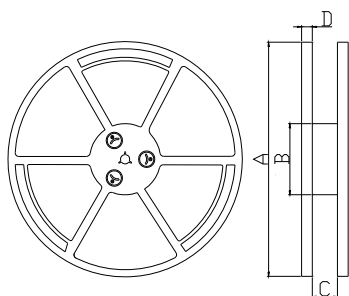
Tape Dimensions



Tape Material



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions									Reel Dimensions			Quantity Reel / Carton
	W	E	F	P0	P2	A0	B0	K0	t	A	B	C	
SBC0508F6HT-B-N	24	1.75	11.5	4	2	5.3	10.9	5.1	0.35	330	100	24.4	1000/10000
SBC1105F16HT-B246-N	24	1.75	11.5	4	2	7.5	11.7	4.7	0.35	330	100	24.4	1000/10000