

### Features

1. Effective in suppressing noise at high frequencies.
2. Suited for preventing the abnormal oscillation from high frequency amplifying circuits.
3. Excellent solder heat resistance for soldering.
4. High reliability in the circuits of high current.
5. Lead Free (RoHS Compliance)

### Applications

1. Noise suppression in digital equipments.
2. Computers and peripheral devices, VCR and camera.
3. Noise suppression in automotive electronic equipment, car stereo, car engine controller.
4. Noise suppression for OA electronic instruments.

### Ordering Information

SHB - 1 L 1608 - 110 J T  
 (1) (2) (3) (4) (5) (6)

#### (1) Series

SHB : For Signal line

#### (2) Material & Design

L : For ultra high speed

#### (3) Dimension

First two digits : length (mm)  
 Last two digits : width (mm)

#### (4) Impedance (at 100MHz)

First two digits are impedance values.  
 Last digit is the number of zeros

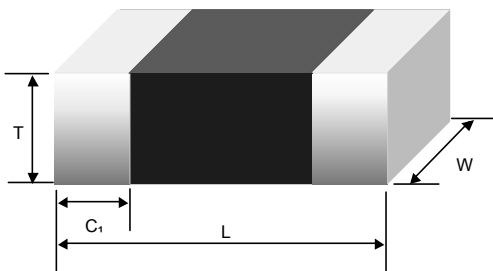
#### (5) Termination

J : Nickel barrier

#### (6) Packaging

B : Bulk package  
 T : Tape & Reel (Φ178mm [ 7 inches ])  
 L : Tape & Reel (Φ254mm [ 10 inches ])

### Shape and Dimensions



Unit : mm [inches]

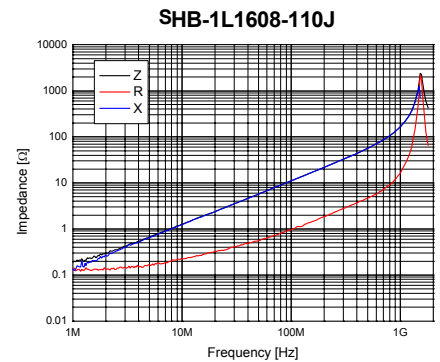
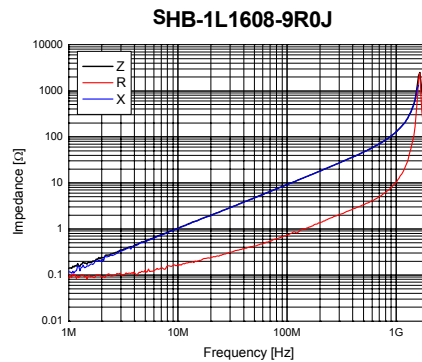
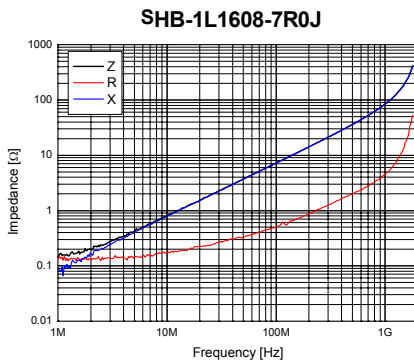
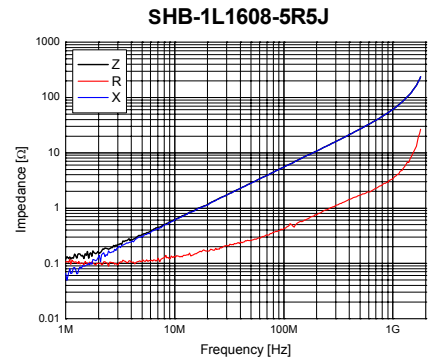
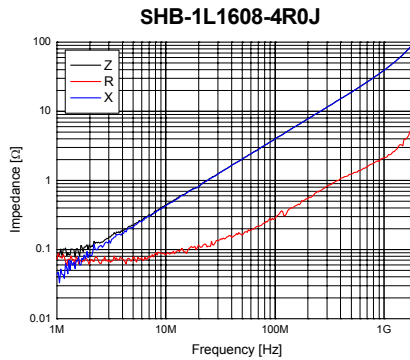
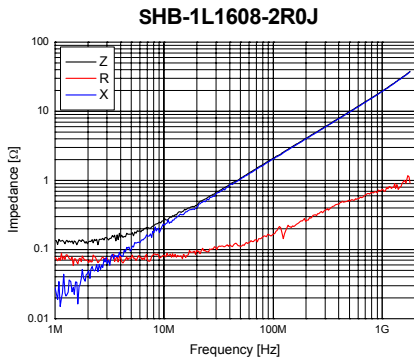
Type	L	W	T	C
SH□-1□1608-	1.6±0.15 [.063±.006]	0.8±0.15 [.031±.006]	0.8±0.15 [.031±.006]	0.30±0.20 [.012±.008]
SH□-1□2012-	2.0±0.20 [.079±.008]	1.25±0.20 [.049±.008]	0.8±0.15 (.049±.008)	0.50±0.30 [.020±.012]

### Electrical Parameters

Part No.	IZI at 100MHz(Ω)	IZI at 1 GHz(Ω)	DC Resistance (Ω) max.	Rated current (mA) max.
	typ.	typ.		
SHB-1L1608-2R0□□	2.0	20	0.20	300
SHB-1L1608-4R0□□	4.0	40	0.25	300
SHB-1L1608-5R5□□	5.5	55	0.30	300
SHB-1L1608-7R0□□	7.0	80	0.30	300
SHB-1L1608-9R0□□	9.0	40 (at 500MHz)	0.40	300
SHB-1L1608-110□□	11.0	55 (at 500MHz)	0.40	300
SHB-1L1608-130□□	13.0	70 (at 500MHz)	0.50	300
SHB-1L1608-150□□	15.0	80 (at 500MHz)	0.50	300
SHB-1L2012-3R5□□	3.5	30	0.15	500
SHB-1L2012-6R5□□	6.5	30 (at 500MHz)	0.20	500
SHB-1L2012-100□□	10.0	50 (at 500MHz)	0.25	500

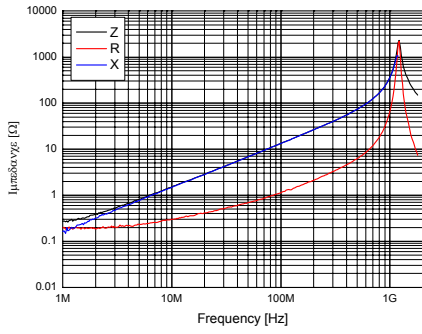
※ Parts with other electrical characteristics available upon request.  
 ※ Test equipment : HP4291 + HP16192A

### Electrical Characteristic Curves

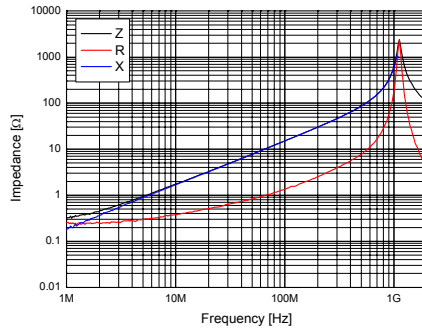


\*All specifications are subject to change without notice.

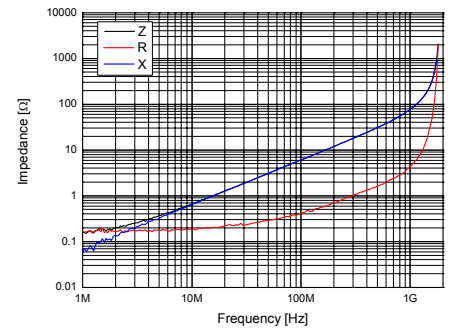
**SHB-1L1608-130J**



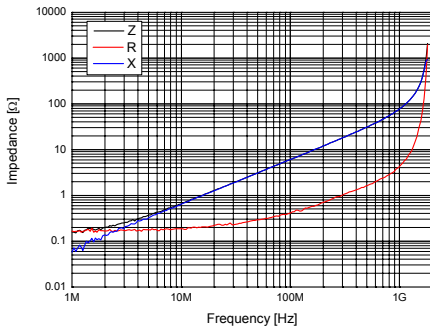
**SHB-1L1608-150J**



**SHB-1L2012-3R5J**



**SHB-1L2012-6R5J**



**SHB-1L2012-100J**

