

### 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

SHH - 1 M 2012 - 121 J T  
 (1) (2) (3) (4) (5) (6)

#### (1) Series

SHH : For high current(~3.0A)

#### (2) Material & Design

S : For high speed  
 M : For high impedance type  
 T : For Low 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

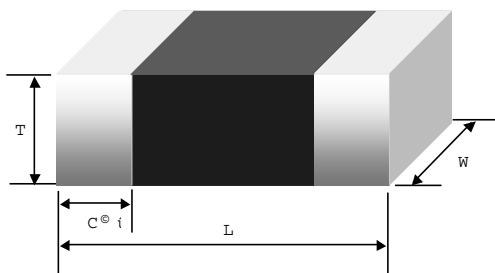
#### (5) Termination

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
SHH-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)

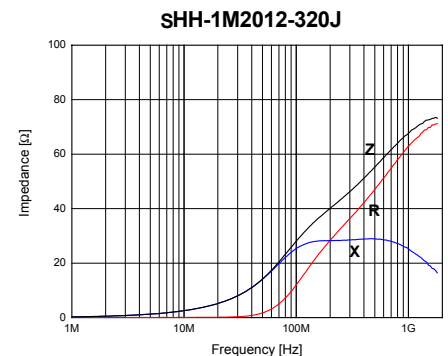
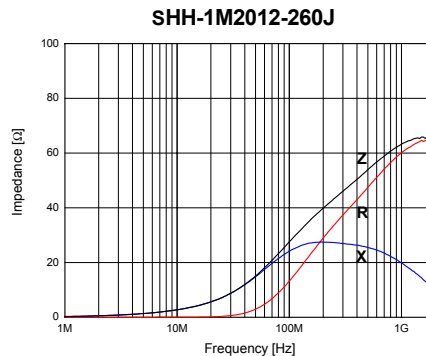
### Electrical Parameters

Part No.	IZI at 100MHz( $\Omega$ )		DC Resistance ( $\Omega$ ) max.	Rated current (mA) max.
	Typ.	min.		
SHH-1M2012-150□□	15	12	0.02	2500
SHH-1M2012-260□□	26	20	0.02	3000
SHH-1M2012-300□□	30	23	0.02	2500
SHH-1M2012-320□□	32	24	0.03	2500
SHH-1M2012-600□□	60	45	0.03	3800
SHH-1M2012-800□□	80	60	0.08	1500
SHH-1M2012-121□□	120	90	0.05	2500
SHH-1M2012-151□□	150	115	0.10	1500
SHH-1M2012-221□□	220	165	0.05	2200
SHH-1M2012-301□□	300	225	0.07	2000
SHH-1M2012-451□□	450	338	0.20	1000
SHH-1M2012-601□□	600	450	0.10	2000
SHH-1M2012-102□□	1000	750	0.30	800
SHH-1S2012-5R0□□	5.0	3.5	0.05	3000
SHH-1S2012-8R0□□	8.0	6.0	0.03	3000
SHH-1S2012-400□□	40	30	0.10	1800
SHH-1S2012-800□□	80	60	0.15	1500
SHH-1S2012-121□□	120	90	0.20	900
SHH-1S2012-221□□	220	165	0.20	900
SHH-1S2012-251□□	250	190	0.30	1000
SHH-1T2012-260□□	26	20	0.03	3500
SHH-1T2012-400□□	40	30	0.05	2000
SHH-1T2012-600□□	60	45	0.06	1500
SHH-1T2012-800□□	80	60	0.08	1000
SHH-1T2012-121□□	120	90	0.03	3000
SHH-1T2012-151□□	150	115	0.08	1000
SHH-1T2012-221□□	220	165	0.12	1000
SHH-1T2012-251□□	250	190	0.05	2800
SHH-1T2012-301□□	300	225	0.15	800
SHH-1T2012-331□□	330	250	0.15	800
SHH-1T2012-401□□	400	300	0.15	800
SHH-1T2012-601□□	600	450	0.25	600
SHH-1T2012-102□□	1000 (at 60MHz)	750	0.30	600

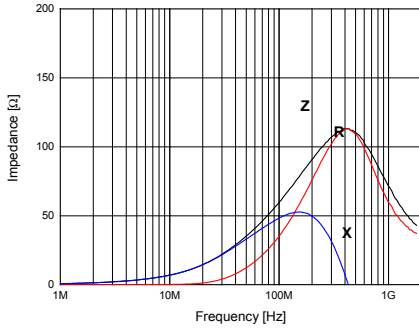
※ Parts with other electrical characteristics available upon request.

※ Test equipment : HP4291 + HP16192A

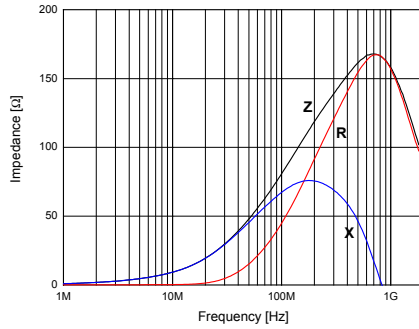
### Electrical Characteristic Curves



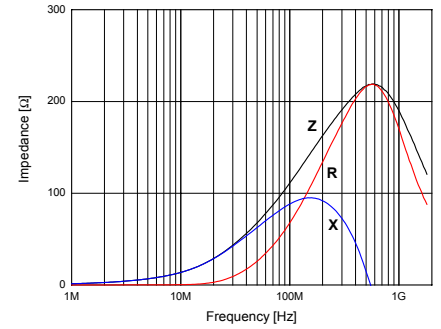
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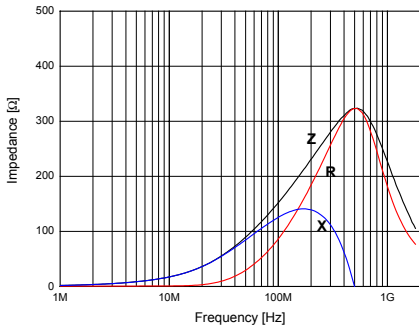
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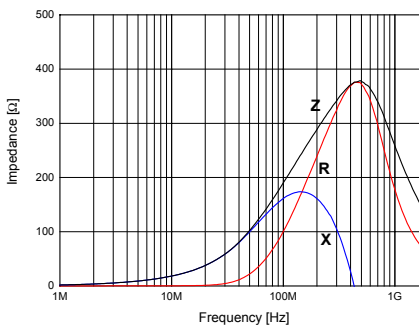
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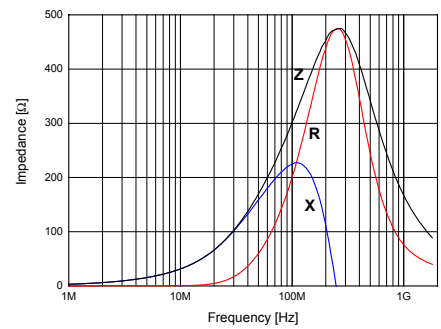
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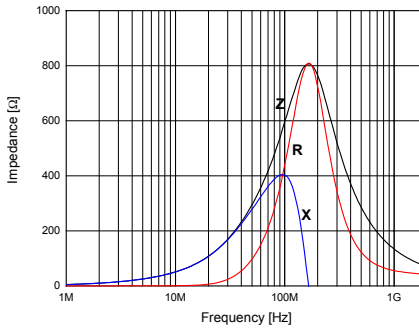
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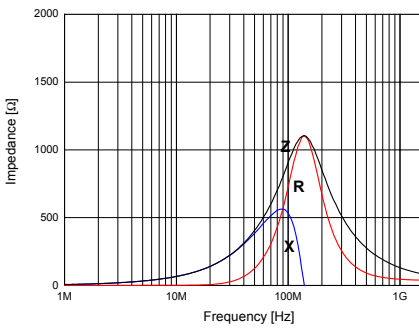
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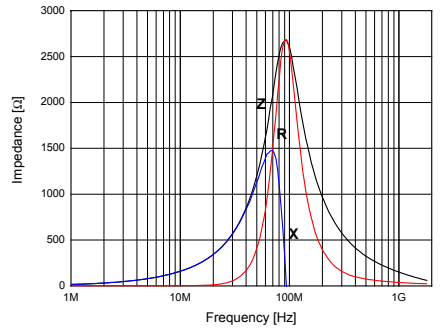
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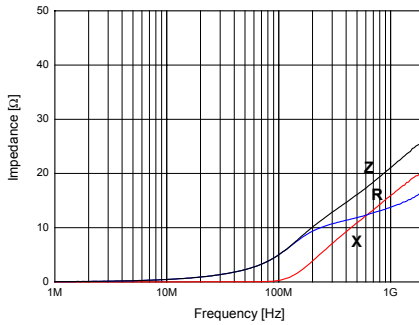
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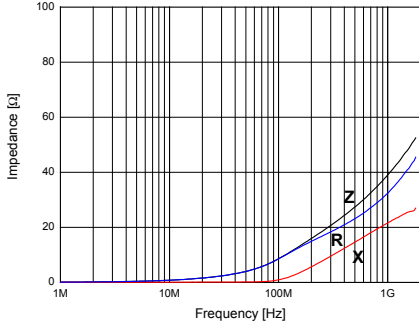
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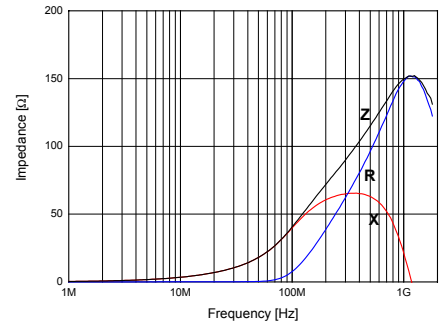
**SHH-1S2012-5R0J**



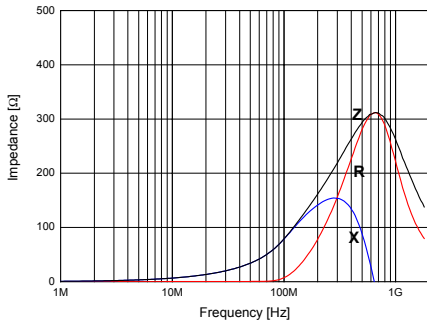
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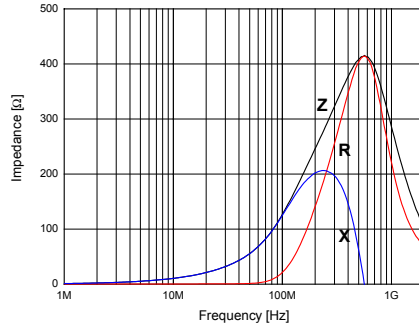
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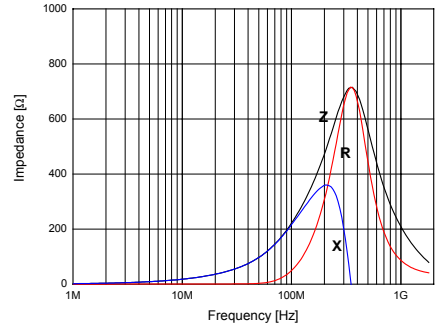
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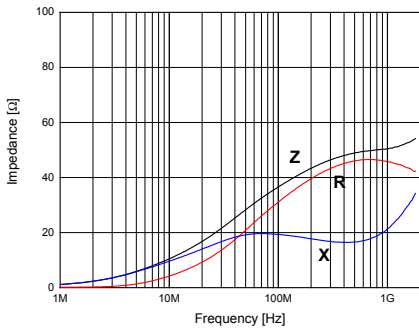
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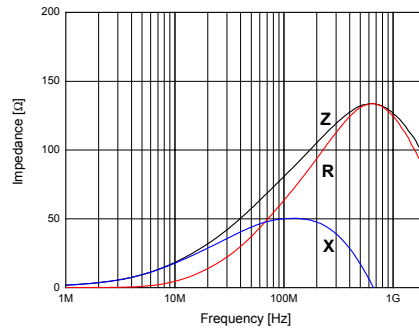
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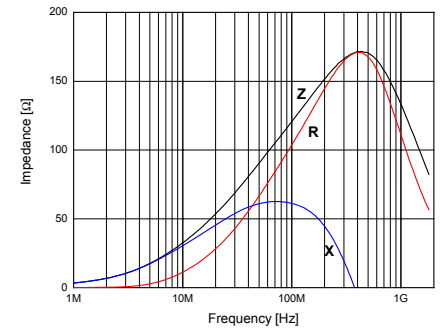
**SHH-1T2012-400J**



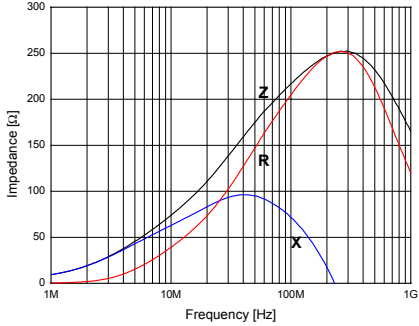
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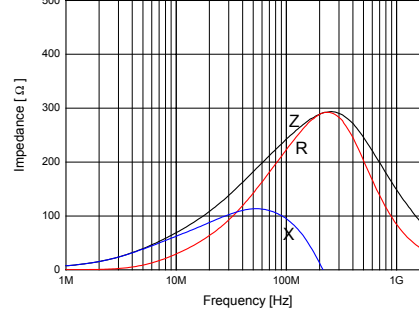
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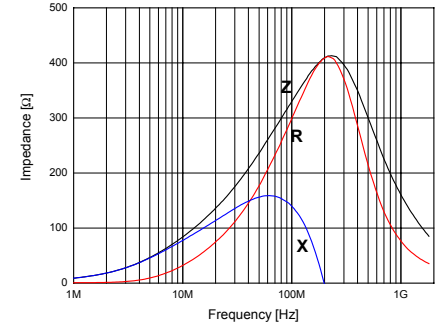
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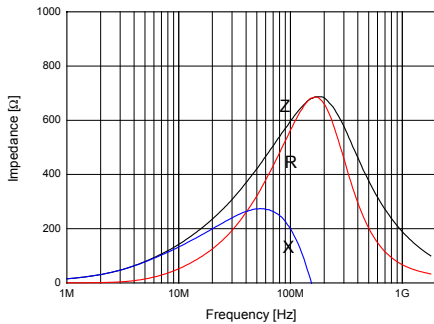
**SHH-1T2012-251J**



**SHH-1T2012-331J**



**SHH-1T2012-601J**



**SHH-1T2012-102J**

