

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

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

(1) Series

SHU : For ultra high current(~6.0A)

(2) Material & Design

B : 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

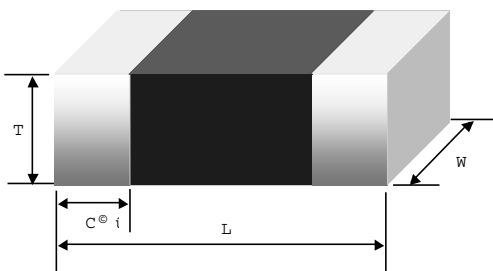
(5) Termination

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]

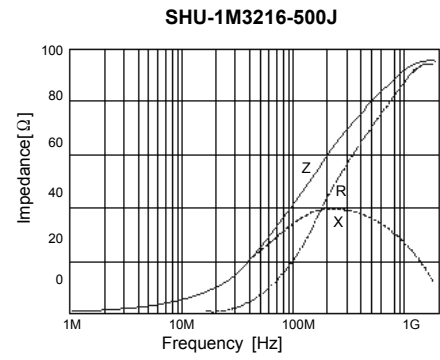
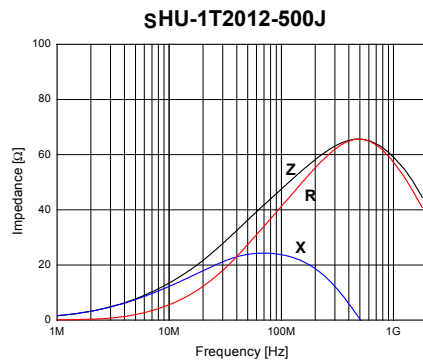
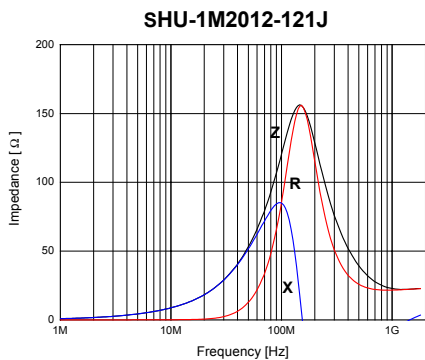
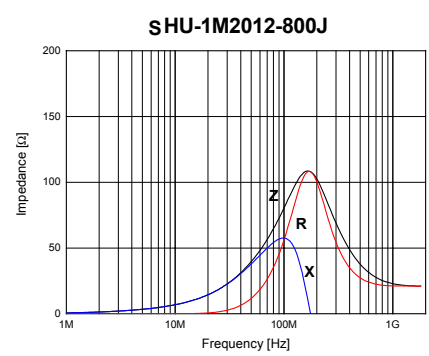
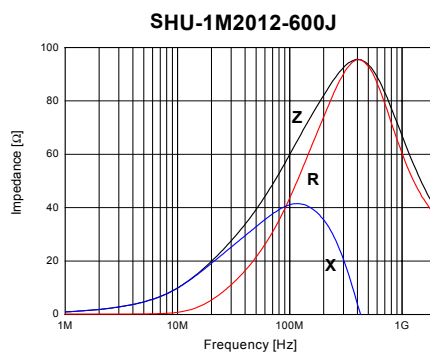
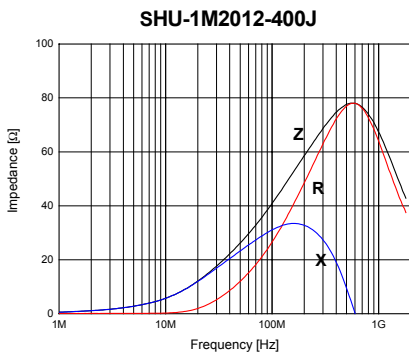
Type	L	W	T	C
SHU-1□2012-	2.0±0.20	1.25±0.20	1.25±0.20	0.50±0.30
	(.079±.008)	(.049±.008)	(.049±.008)	(.020±.012)
SHU-1□3216-	3.2±0.20	1.6±0.20	1.3±0.20	0.50±0.30
	(.126±.008)	(.063±.008)	(.051±.008)	(.020±.012)
SHU-1□4516-	4.5±0.25	1.6±0.20	1.3±0.20	0.50±0.30
	(.177±.010)	(.063±.008)	(.051±.008)	(.020±.012)
SHU-1□4532-	4.5±0.25	3.2±0.25	1.3±0.25	0.70±0.40
	(.177±.010)	(.126±.010)	(.051±.010)	(.027±.016)
SHU-1□5750-	5.7±0.30	5.0±0.30	1.6±0.25	0.80±0.50
	(.225±.012)	(.198±.012)	(.063±.010)	(.031±.020)

Electrical Parameters

Part No.	IZI at 100MHz(Ω)		DC Resistance (Ω) max.	Rated current (mA) max.
	Typ.	min.		
SHU-1M2012-400□□	40	30	0.02	5000
SHU-1M2012-600□□	60	45	0.02	4800
SHU-1M2012-800□□	80	60	0.02	4500
SHU-1M2012-121□□	120	90	0.03	4200
SHU-1T2012-330□□	33	24	0.015	4000
SHU-1T2012-500□□	50	37	0.015	5000
SHU-1T2012-101□□	100	75	0.020	4000
SHU-1M3216-500□□	50	37	0.01	4800
SHU-1M3216-121□□	120	90	0.02	4600
SHU-1M4516-600□□	60	45	0.015	5400
SHU-1B4532-681□□	680	510	0.03	3800
SHU-1M4532-121□□	120	90	0.02	4600
SHU-1M5750-401□□	400	300	0.03	5500

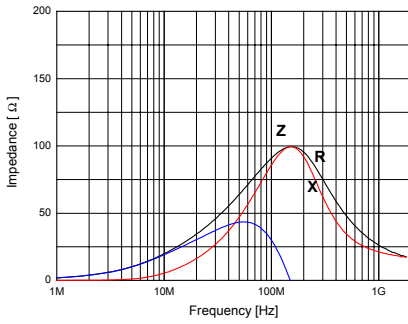
※ Parts with other electrical characteristics available upon request.
 ※ Test equipment : HP4291 + HP16192A

Electrical Characteristic Curves

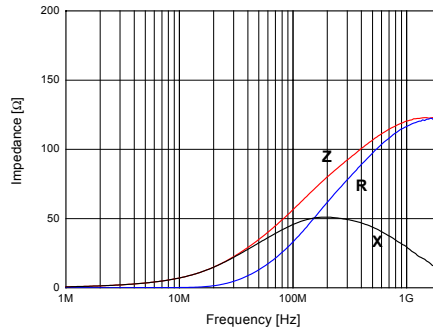


*All specifications are subject to change without notice.

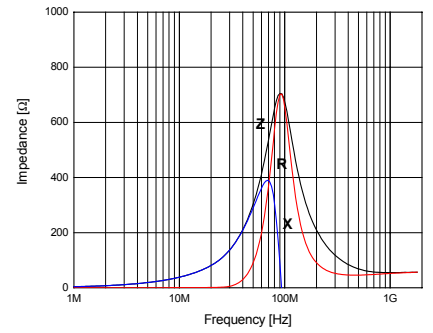
SHU-1T2012-121J



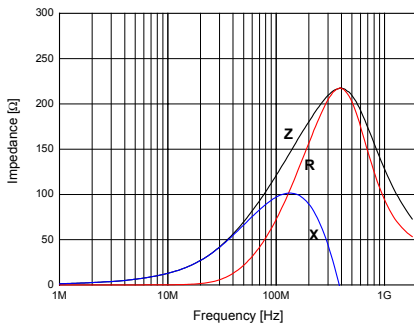
SHU-1M4516-600J



SHU-1B4532-681J



SHU-1M4532-121J



SHU-1M5750-401J

