

### 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** **Y** **1608** - **100** **J** **T**  
 (1) (2) (3) (4) (5) (6)

#### (1) Series

SHB : For Signal line

#### (2) Material & Design

Y : 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

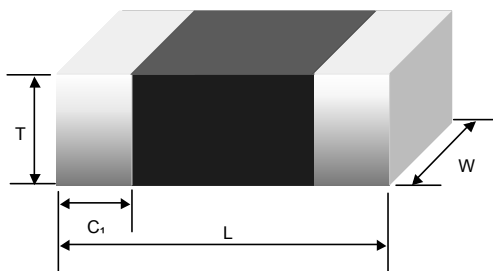
#### (5) Termination

J : Nickel barrier

#### (6) Packaging

B : Bulk package  
T : Tape & Reel ( $\Phi$ 178mm [ 7 inches ])  
L : Tape & Reel ( $\Phi$ 254mm [ 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]

### Electrical Parameters

Part No.	IZI at 100MHz( $\Omega$ )	IZI at 1 GHz( $\Omega$ )	DC Resistance (m $\Omega$ ) max.	Rated current (mA) max.
	typ.	typ.		
SHB-1Y1608-4R0□□	4.0	40	200	300
SHB-1Y1608-8R0□□	8.0	90	250	300
SHB-1Y1608-100□□	10.0	170	300	300
SHB-1Y1608-150□□	15.0	75(at 500MHz)	350	300
SHB-1Y1608-200□□	20.0	120(at 500MHz)	400	300

\* Test equipment : HP4291 + HP16192A

### Electrical Characteristic Curves

