

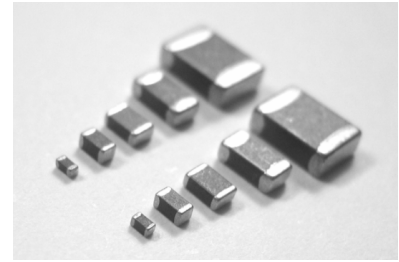
### 3. KTBS Series

Range of Size: (1608(0603)~3216(1206))

Test Equipment : E4991A IMPEDANCE ANALYZER

Operating Temperature : -55 ~+125

The max. rated current: the DC current value having temp. increased 40 after thro. DC current 2 hours at ambient temp.

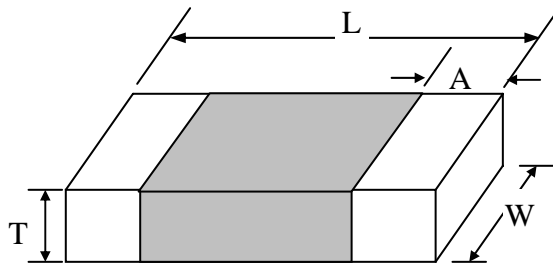


#### Features

- > The KTBS series can be used on high current circuits due to its low DC resistance. It can match power lines to a maximum of 6A DC.
- > Application on high current DC power line EMI suppress, i.e. Hard drives, modems, motherboards, printer, monitors etc.
- > Either flow or reflow soldering methods can be used due to electroplating of the terminal electrodes.
- > High reliability due to an entirely monolithic structure.
- > Low DC resistance structure of electrode prevents wasteful electric power consumption.

#### General Dimensions and Configuration

SHAPE:



Unit: mm

EQUIVALENT CIRCUIT DIAGRAM:

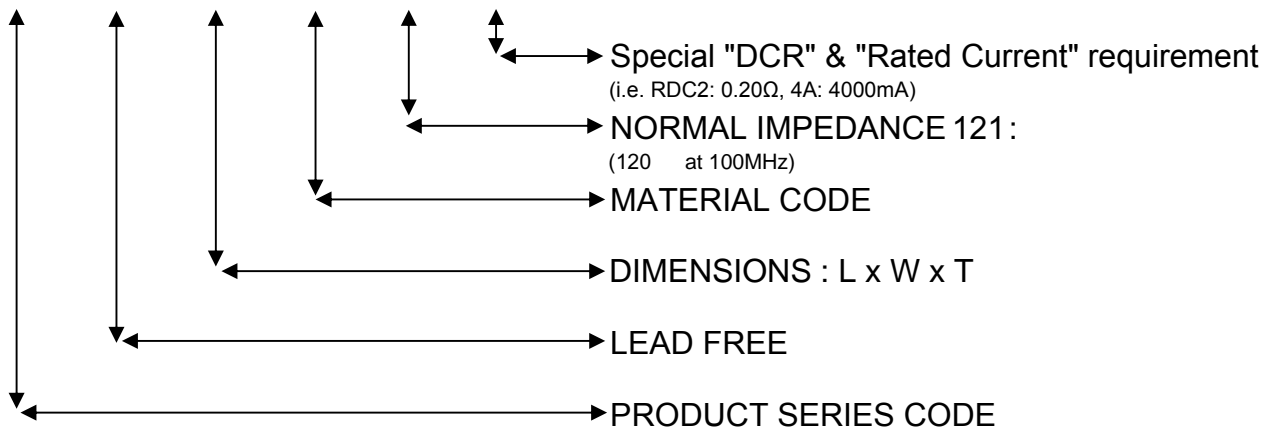


DIMENSIONS:

SHAPE	L (m/m)	W (m/m)	T (m/m)	A (m/m)	Net Weight (mg)
160808(0603)	1.60±0.15	0.80±0.15	0.80±0.15	0.20~0.60	5.80
201209(0805)	2.00±0.20	1.25±0.20	0.90+0.15/-0.20	0.20~0.80	12.00
321611(1206)	3.20±0.20	1.60±0.20	1.10±0.20	0.40~1.00	28.00

#### Part Numbering Systems

KTB S 321611 A 121 4A



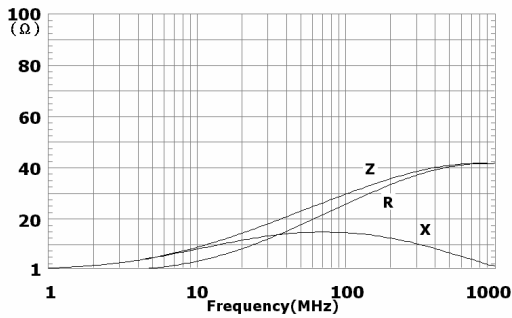
**3. KTBS Series (Size: 3216 (1206))**

**Electrical Characteristics**

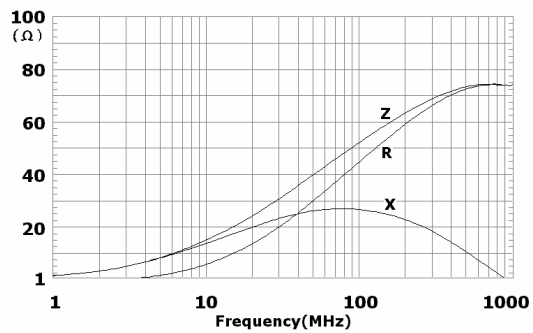
Part No.	Impedance ( ) $\pm 25\%$ (100MHz, 500mV)	DC Resistance (Max.)	Rated Current mA (Max.)
KTBS321611A310	31	0.006	6000
KTBS321611A520	52	0.008	6000
KTBS321611A800 4A	80	0.020	4000
KTBS321611A900 5A	90	0.018	5000
KTBS321611A101 4A	100	0.020	4000
KTBS321611A121 4A	120	0.020	4000

**Rating Curves**

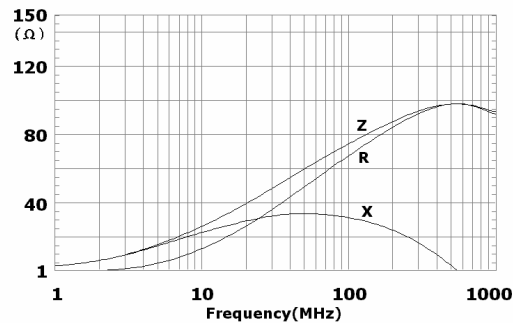
KTBS321611A310



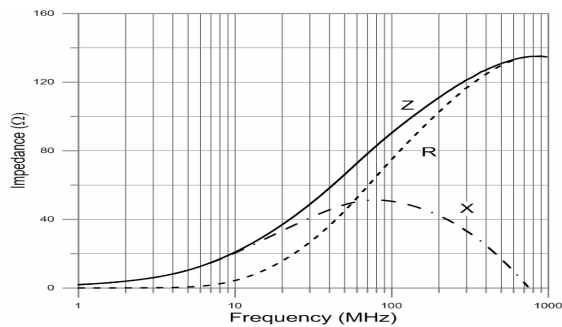
KTBS321611A520



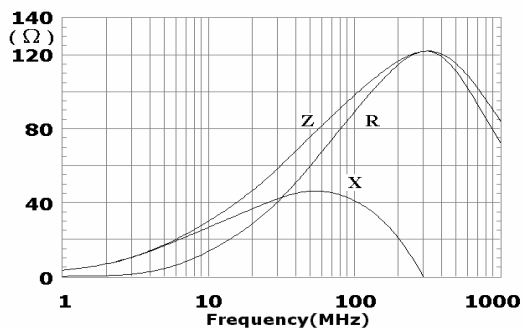
KTBS321611A800 4A



KTBS321611A900 5A



KTBS321611A101 4A



KTBS321611A121 4A

