

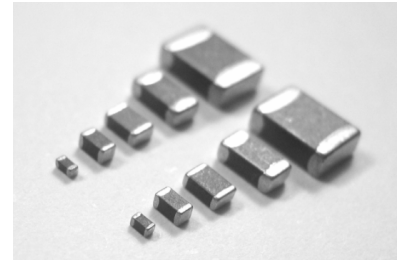
2. HTBS Series

Range of Size: (1005(0402)~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.

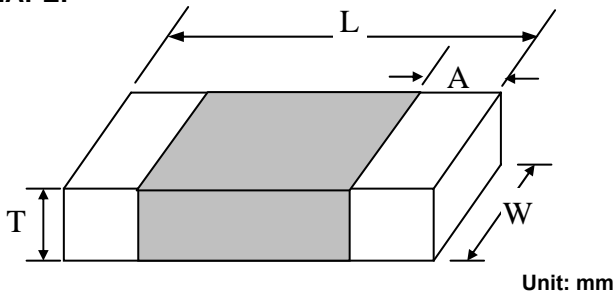


Features

- > The HTBS series can be used on high current circuits due to its low DC resistance. It can match power lines to a maximum of 3A 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:



EQUIVALENT CIRCUIT DIAGRAM:

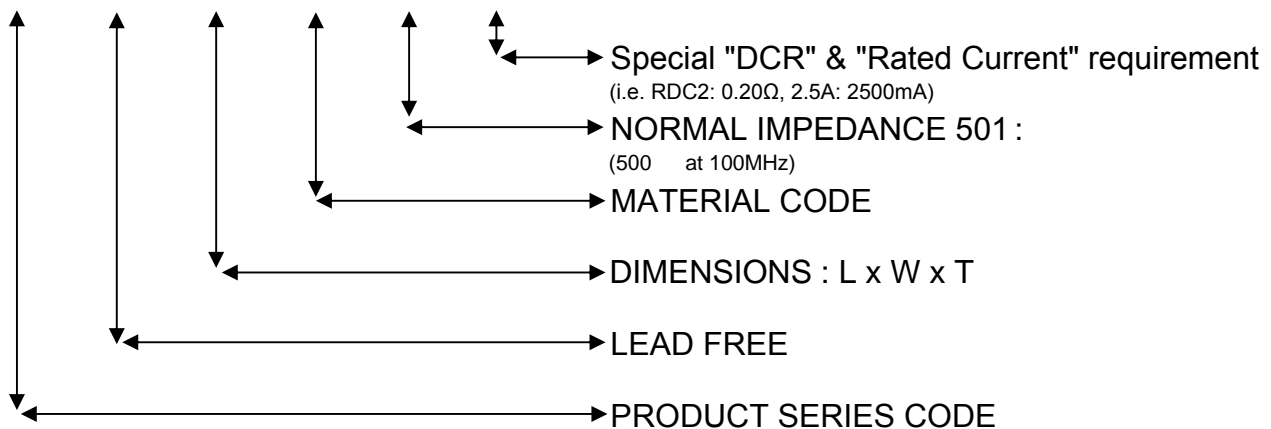


DIMENSIONS:

SHAPE	L (m/m)	W (m/m)	T (m/m)	A (m/m)	Net Weight (mg)
100505(0402)	1.00±0.05	0.50±0.05	0.50±0.05	0.10~0.30	1.10
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

HTB S 321611 A 501 2.5A



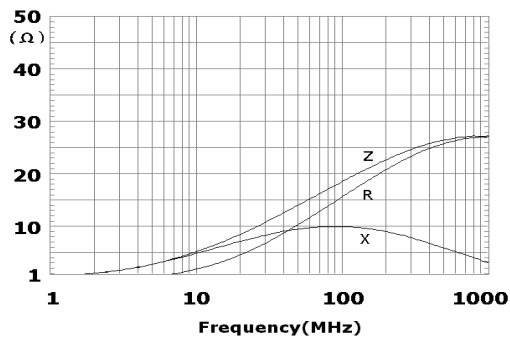
2. HTBS Series (Size: 3216 (1206))

Electrical Characteristics

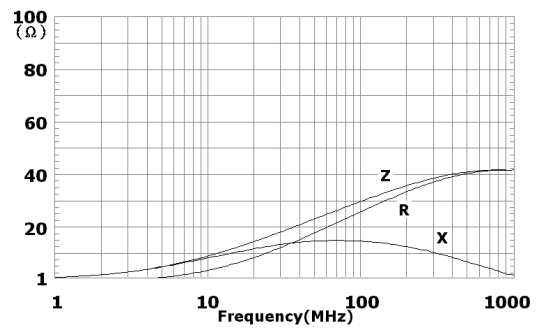
Part No.	Impedance () $\pm 25\%$ (100MHz, 500mV)	DC Resistance (Max.)	Rated Current mA (Max.)
HTBS321611A190	19	0.03	3000
HTBS321611A310	31	0.03	3000
HTBS321611A520	52	0.03	3000
HTBS321611A700	70	0.04	3000
HTBS321611A101	100	0.04	3000
HTBS321611A151	150	0.05	3000
HTBS321611A301	300	0.06	3000
HTBS321611A501 2.5A	500	0.07	2500
HTBS321611A601 2A	600	0.08	2000
HTBS321611A102 1A	1000	0.30	1000

Rating Curves

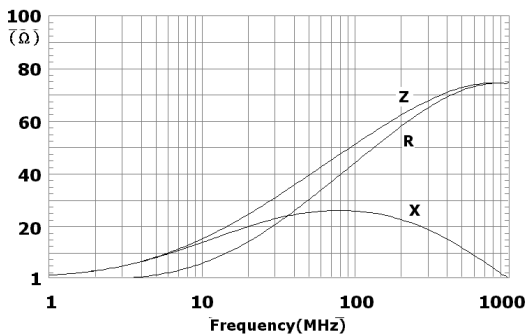
HTBS321611A190



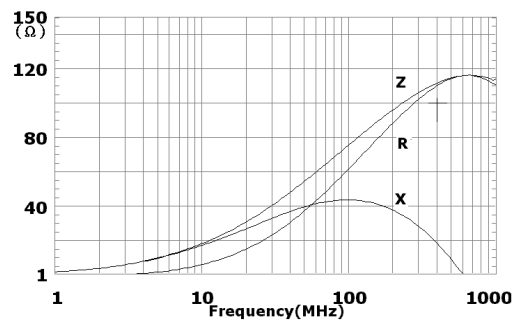
HTBS321611A310



HTBS321611A520



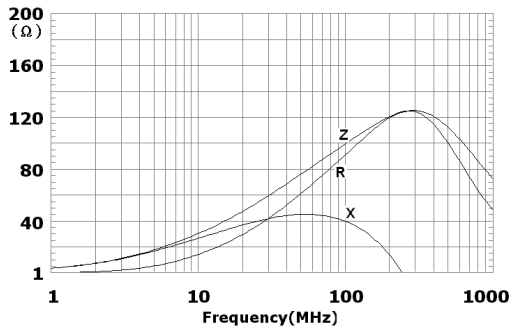
HTBS321611A700



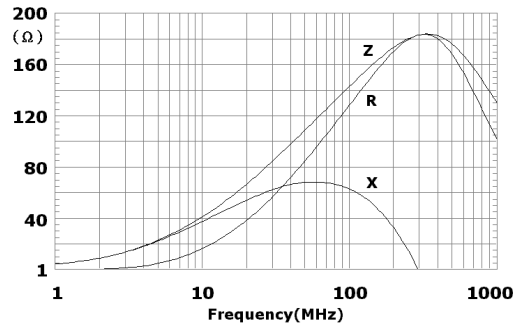
2. HTBS Series (Size: 3216 (1206))

Rating Curves (Cont'd)

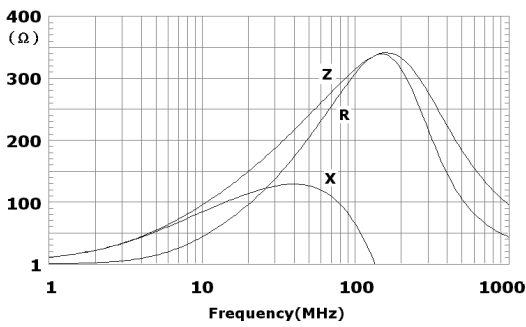
HTBS321611A101



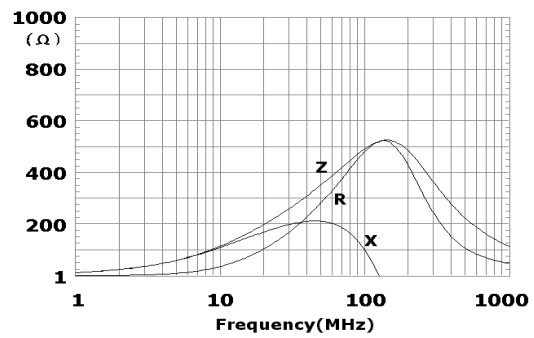
HTBS321611A151



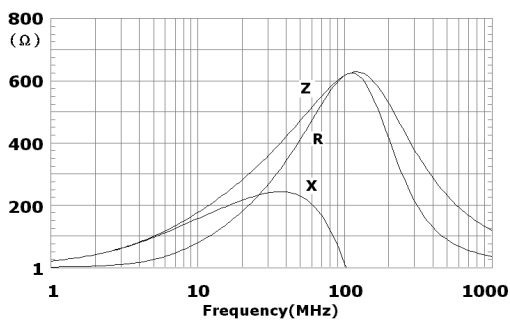
HTBS321611A301



HTBS321611A501 2.5A



HTBS321611A601 2A



HTBS321611A102 1A

