

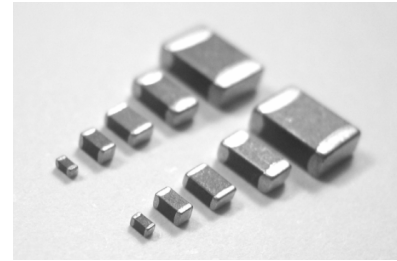
2. HTBS Series

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.

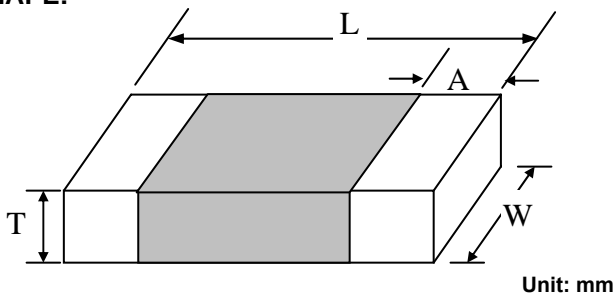


Features

- > 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:

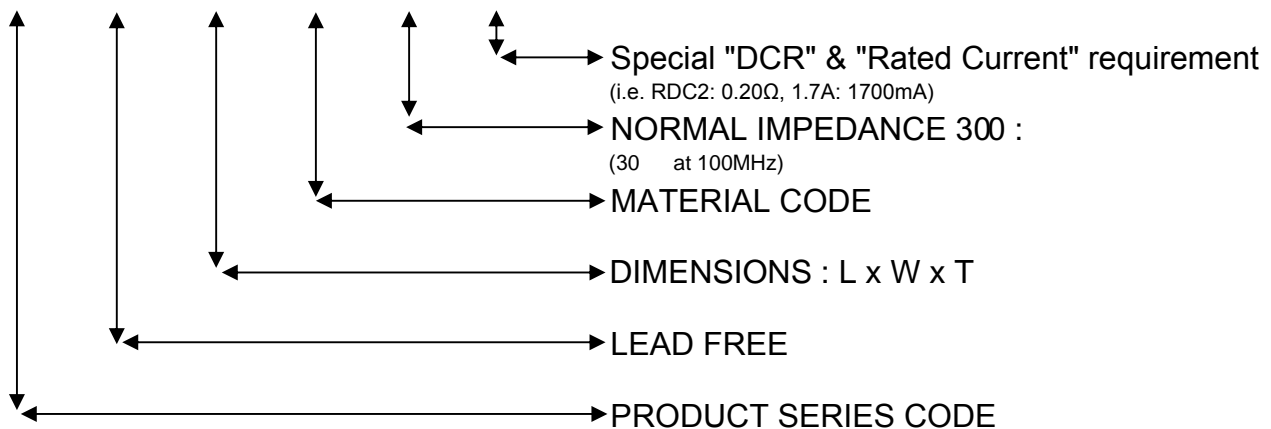


DIMENSIONS:

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 100505 A 300 1.7A



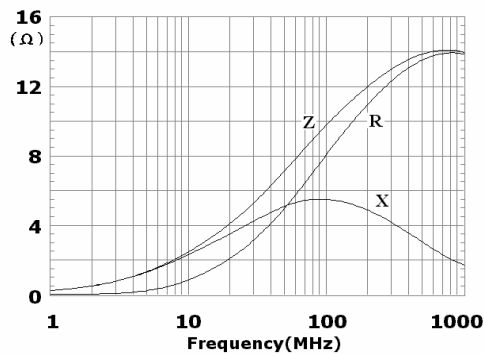
2. HTBS Series (Size: 1005 (0402))

Electrical Characteristics

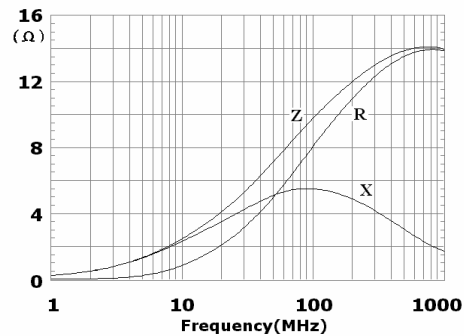
Part No.	Impedance () $\pm 25\%$ (100MHz, 500mV)	DC Resistance (Max.)	Rated Current mA (Max.)
HTBS100505A100 1A	10	0.050	1000
HTBS100505A100 2A	10	0.030	2000
HTBS100505A110 1A	11	0.050	1000
HTBS100505A300 1.7A	30	0.050	1700
HTBS100505A600 1A	60	0.200	1000
HTBS100505A750 1A	75	0.200	1000
HTBS100505A121 1.3A	120	0.090	1300

Rating Curves

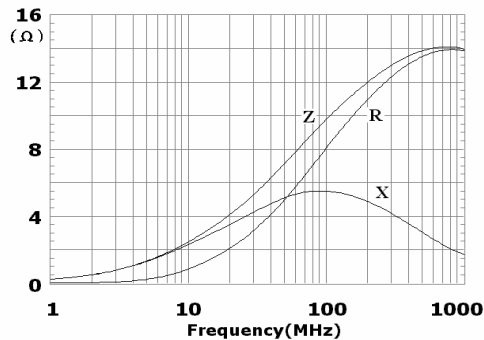
HTBS100505A100 1A



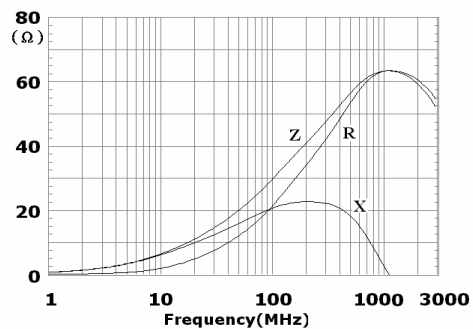
HTBS100505A100 2A



HTBS100505A110 1A



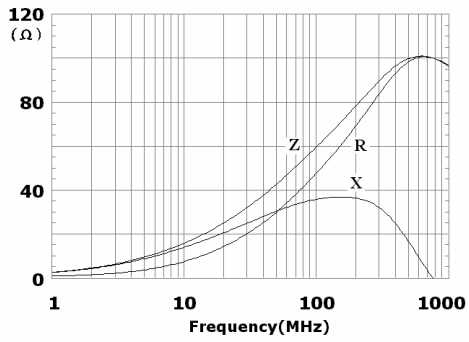
HTBS100505A300 1.7A



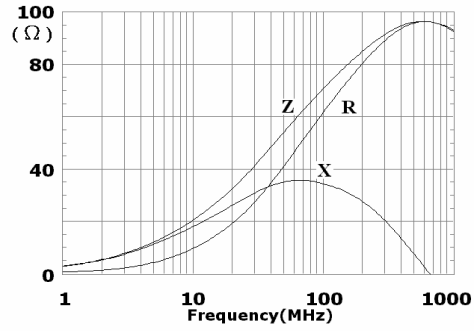
2. HTBS Series (Size: 1005 (0402))

Rating Curves (Cont'd)

HTBS100505A600 1A



HTBS100505A750 1A



HTBS100505A121 1.3A

