

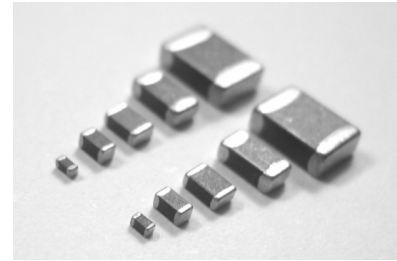
2. HTBS Series

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.

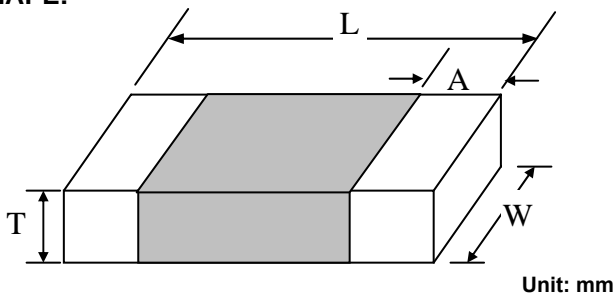


Features

- > 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:

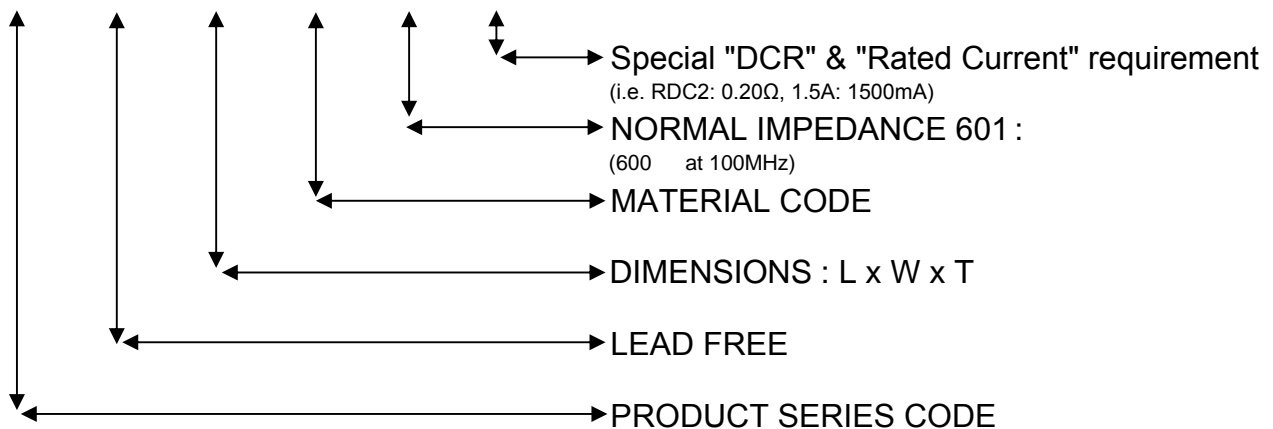


DIMENSIONS:

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 160808 A 601 RDC2



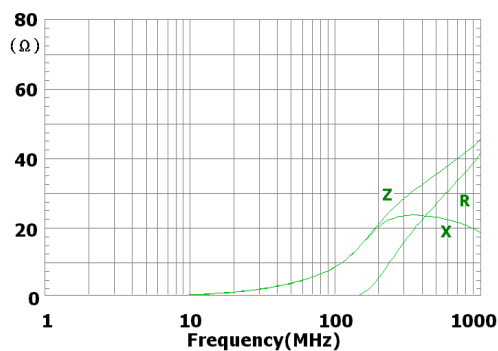
2. HTBS Series (Size: 1608 (0603))

Electrical Characteristics

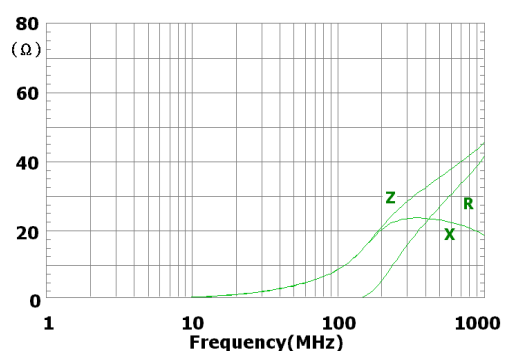
Part No.	Impedance () $\pm 25\%$ (100MHz, 500mV)	DC Resistance (Max.)	Rated Current mA (Max.)
HTBS160808H070	7	0.03	3000
HTBS160808H100	10	0.03	3000
HTBS160808A250	25	0.04	3000
HTBS160808A300	30	0.04	3000
HTBS160808A470	47	0.04	3000
HTBS160808A500	50	0.04	3000
HTBS160808A600	60	0.04	3000
HTBS160808A750	75	0.04	3000
HTBS160808A800	80	0.04	3000
HTBS160808A101	100	0.04	3000
HTBS160808A121 1A	120	0.10	1000
HTBS160808A121 2A	120	0.05	2000
HTBS160808A151 1A	150	0.15	1000
HTBS160808A151 2A	150	0.05	2000
HTBS160808A181 1A	180	0.20	1000
HTBS160808A181 2A	180	0.06	2000
HTBS160808A201 1A	200	0.20	1000
HTBS160808A201 2A	200	0.08	2000
HTBS160808A221 1A	220	0.20	1000
HTBS160808A221 2A	220	0.08	2000
HTBS160808A301 1A	300	0.20	1000
HTBS160808A301 2A	300	0.15	2000
HTBS160808A471 1A	470	0.25	1000
HTBS160808A601 1A	600	0.30	1000
HTBS160808A601 RDC2	600	0.20	1000
HTBS160808A102 1A	1000	0.25	1000

Rating Curves

HTBS160808H070



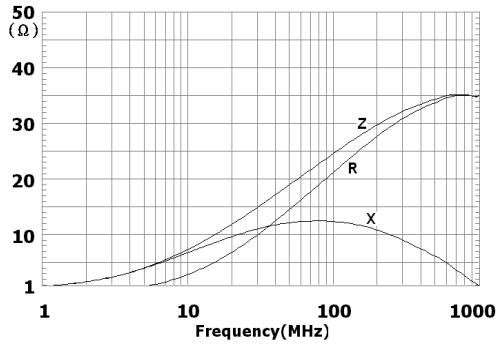
HTBS160808H100



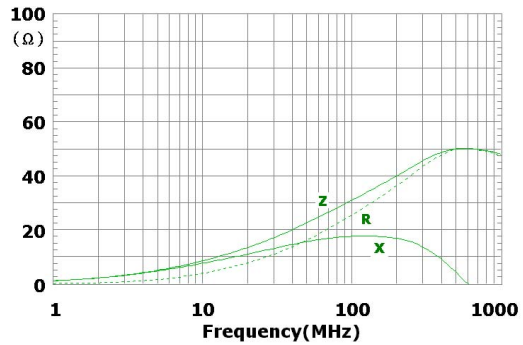
2. HTBS Series (Size: 1608 (0603))

Rating Curves (Cont'd)

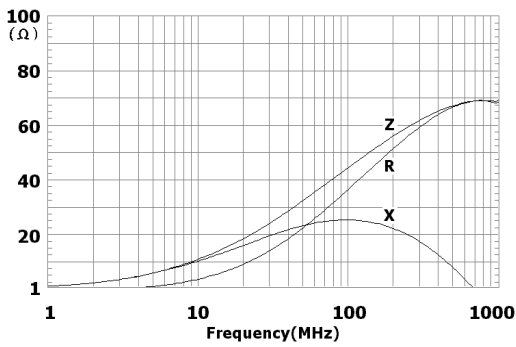
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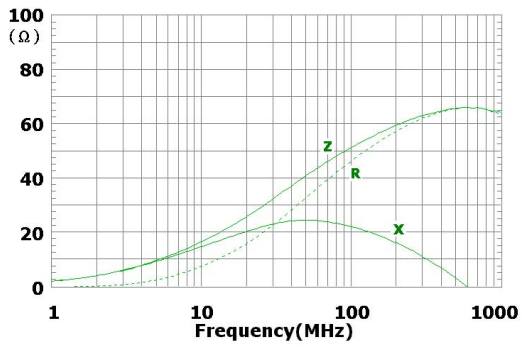
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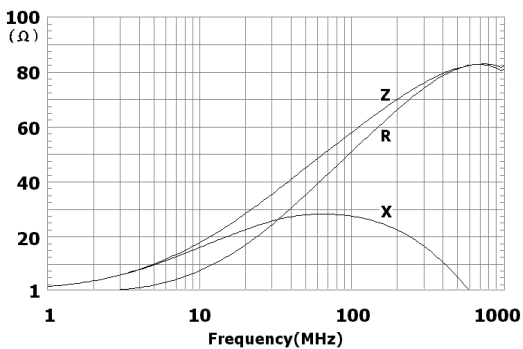
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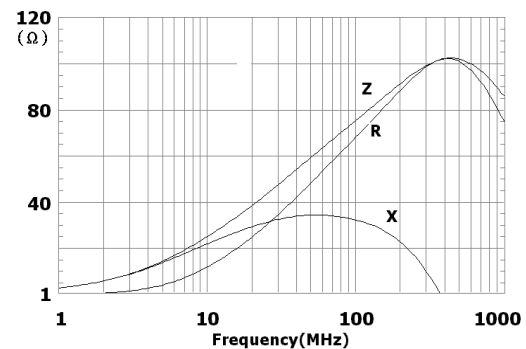
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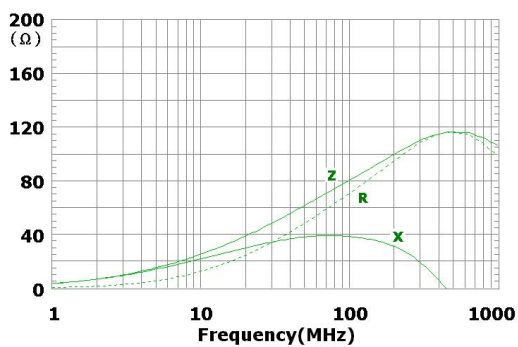
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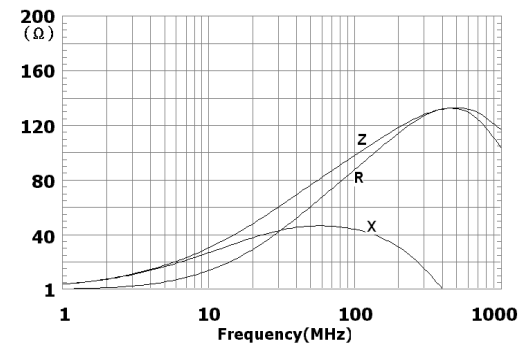
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HTBS160808A800



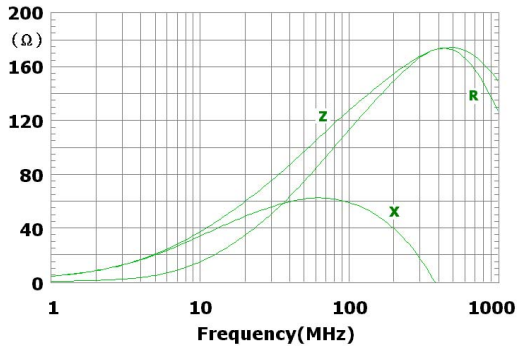
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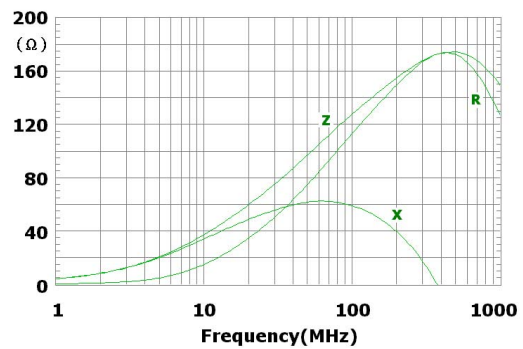
2. HTBS Series (Size: 1608 (0603))

Rating Curves (Cont'd)

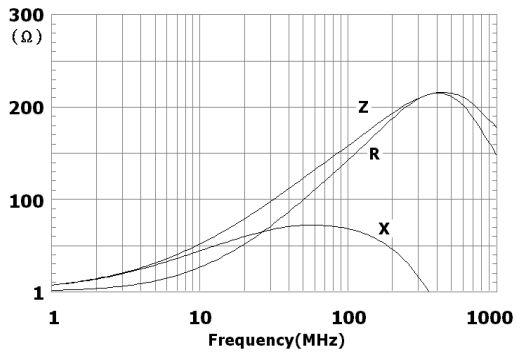
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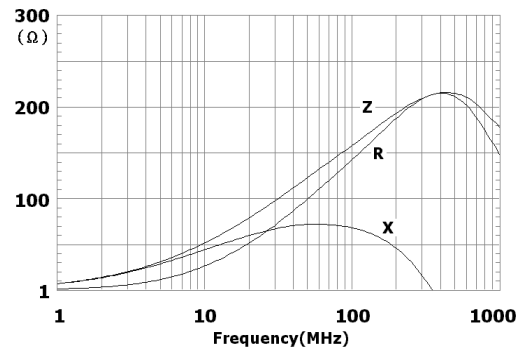
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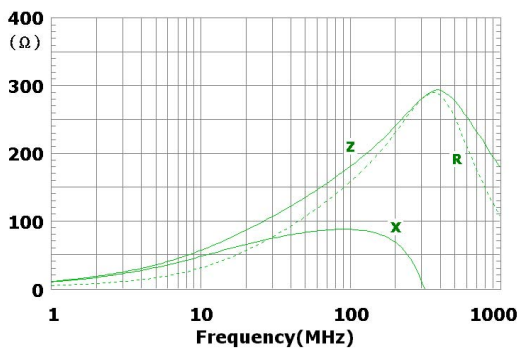
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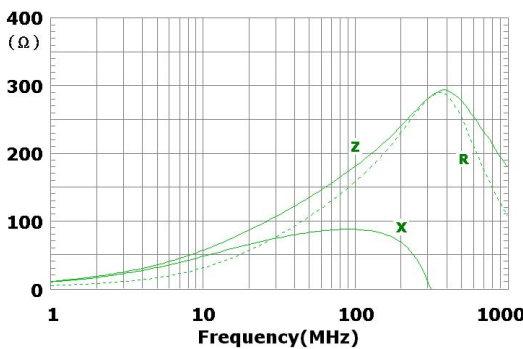
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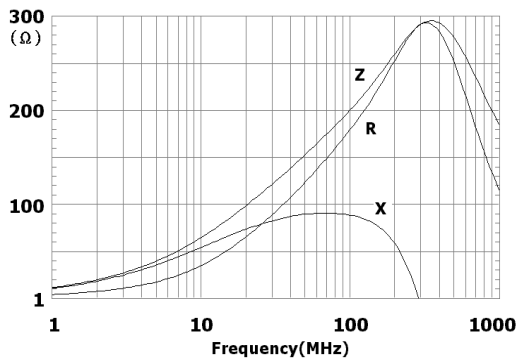
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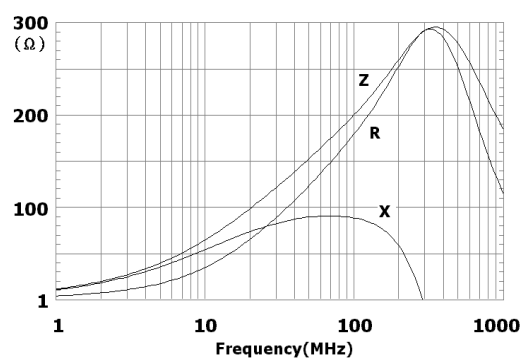
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HTBS160808A201 1A



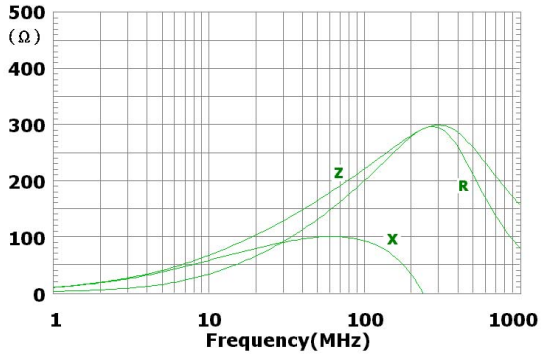
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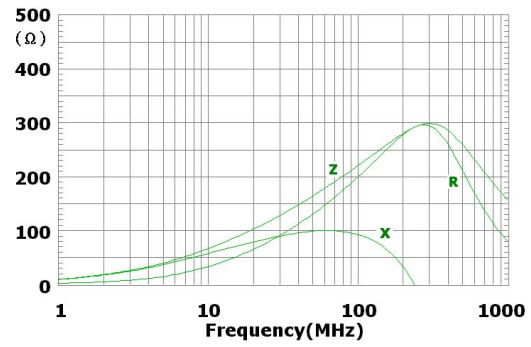
2. HTBS Series (Size: 1608 (0603))

Rating Curves (Cont'd)

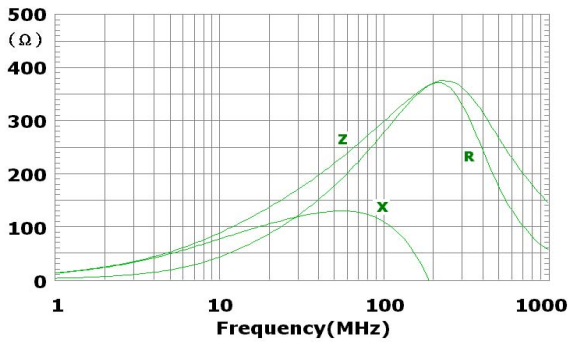
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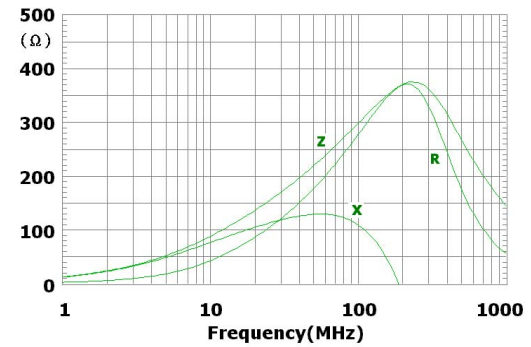
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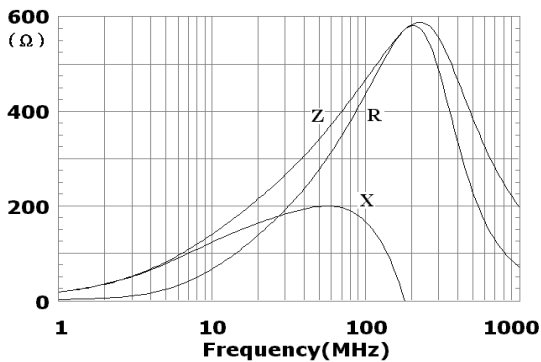
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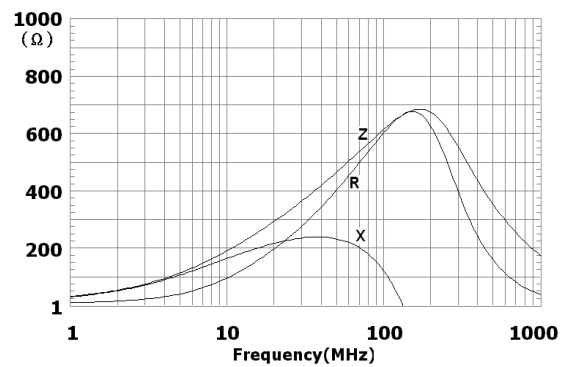
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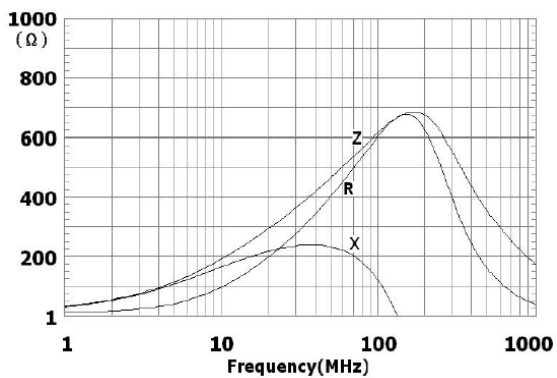
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HTBS160808A601 1A



HTBS160808A601 RDC2



HTBS160808A102 1A

