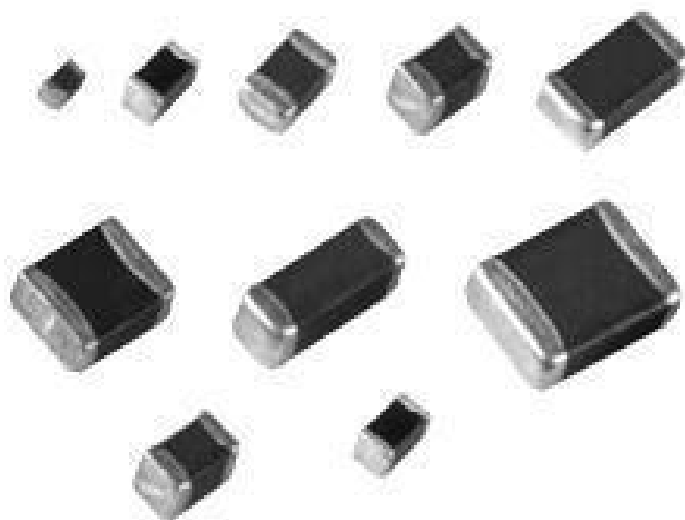




ELECTRONIC COMPANY

SMD Multilayer Ferrite Chip Beads

DBPB SERIES(FOR POWER SUPPLIES)



FEATURES/APPLICATOINS

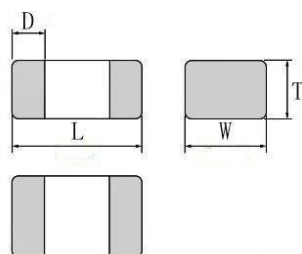
- .Carrier tape packing use for SMT
- .Can be used in a wide range of frequency to suppress EMI
- .Excellent solder ability
- .Suitable for reflow STM craft soldering
- .Lead free products, ROHS compliant
- .Widely use in Noise suppression in Digital equipment such as Computer peripheral devices /VCR /VCD /DVD /Camera /OA equipments etc.

PRODUCT INDICATION

DBPB 1608 F 101 Y
 ① ② ③ ④ ⑤

- ① Product type: DBPB type
- ② External dimension: 16 for Diameter 1.6mm, 08 for Width 0.8mm
- ③ Material code: F, C
- ④ Nominal impedance: 101 for 100Ω
- ⑤ Tolerance: Y for ±25%

SHAPE AND DIMENSIONS



Unit:mm

Part No.	L	W	T	D
0603 (0201)	0.6±0.05 (0.024±0.002)	0.3±0.05 (0.012±0.002)	0.3±0.05 (0.012±0.002)	0.15±0.05 (0.006±0.002)
1005 (0402)	1.0±0.15 (0.040±0.006)	0.5±0.15 (0.020±0.006)	0.5±0.15 (0.020±0.006)	0.25±0.10 (0.010±0.004)
1608 (0603)	1.6±0.2 (0.063±0.008)	0.8±0.2 (0.031±0.008)	0.8±0.2 (0.031±0.008)	0.3±0.2 (0.01±0.008)
2012 (0805)	2.0±0.2 (0.079±0.008)	1.2±0.2 (0.047±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)
3216 (1206)	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)
3225 (1210)	3.2±0.2 (0.126±0.008)	2.0±0.2 (0.098±0.008)	1.3±0.2 (0.063±0.008)	0.5±0.3 (0.020±0.012)
4516 (1806)	4.5±0.2 (0.186±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	0.5±0.3 (0.020±0.012)
4532 (1812)	4.5±0.2 (0.180±0.008)	3.2±0.2 (0.126±0.008)	1.5±0.2 (0.060±0.008)	0.5±0.3 (0.020±0.012)

Notes:

- HP4191A Impedance instrument HP4191A Impedance analyzer
- 100MHz Inductance testing condition: 100MHz.
- DCR instrument: TH2512B or DCR test equipment equivalent .
- Rated Current test: VR7210&VR113H.
- Rated Current definition: Inductance drop by 25% or temperature rise by 40°C, the lesser of the minimum as the rated current.
 Temperature storage:-25~80 ; the relative humidity : RH65%~85%

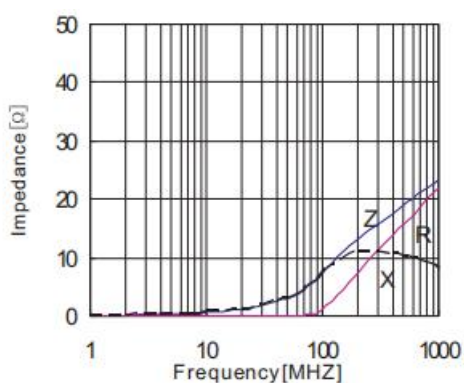


ELECTRONIC COMPANY

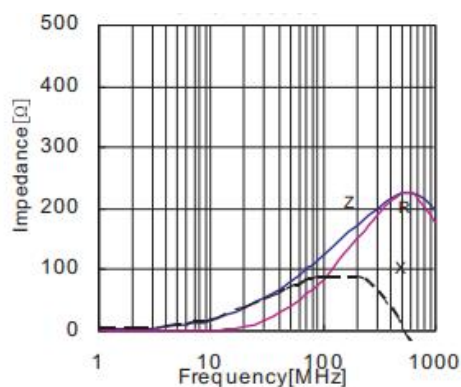
Electrical Characteristics DBPB0603(0201) Series(15000pcs/reel)

Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrent(mA)Max	DC (Ω)Max
DBPB0603F100Y	0~11	100	1000	0.10
DBPB0603F300Y	30 $\pm 25\%$	100	800	0.15
DBPB0603F600Y	60 $\pm 25\%$	100	500	0.18
DBPB0603F121Y	120 $\pm 25\%$	100	500	0.23
DBPB0603F221Y	220 $\pm 25\%$	100	350	0.41
DBPB0603F301Y	300 $\pm 25\%$	100	300	0.65
DBPB0603F501Y	500 $\pm 25\%$	100	250	0.8
DBPB0603F601Y	600 $\pm 25\%$	100	200	1.00
DBPB0603F102Y	1000 $\pm 25\%$	100	200	1.25

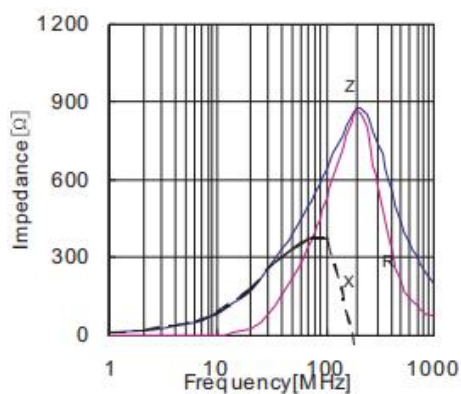
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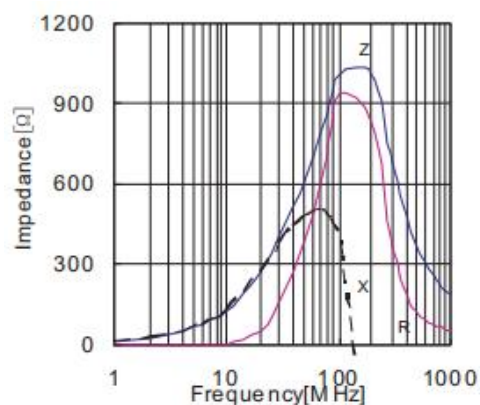
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DBPB0603F601Y



DBPB0603F102Y

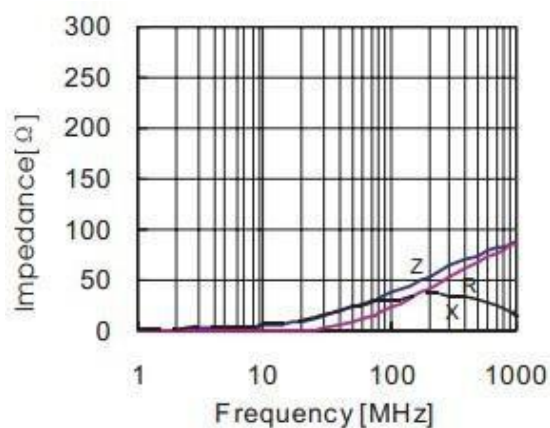


Electrical Characteristics DBPB1005(0402) Series(10000pcs/reel)

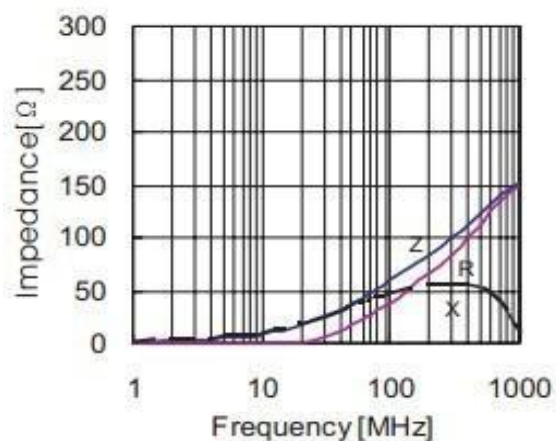
Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrent(mA)Max	DC (Ω)Max
DBPB1005F100Y	0~11	100	2000	0.03
DBPB1005F190Y	12~25	100	2000	0.03
DBPB1005F260Y	26 $\pm 25\%$	100	1700	0.05
DBPB1005F300Y	30 $\pm 25\%$	100	1700	0.08
DBPB1005F600Y	60 $\pm 25\%$	100	1500	0.075
DBPB1005F101Y	100 $\pm 25\%$	100	1200	0.09
DBPB1005F121Y	120 $\pm 25\%$	100	1200	0.09
DBPB1005F151Y	150 $\pm 25\%$	100	1200	0.1
DBPB1005F221Y	220 $\pm 25\%$	100	1200	0.1
DBPB1005F331Y	330 $\pm 25\%$	100	1200	0.15
DBPB1005F471Y	470 $\pm 25\%$	100	1000	0.2
DBPB1005F601Y	600 $\pm 25\%$	100	1000	0.25
DBPB1005F102Y	1000 $\pm 25\%$	100	500	0.3

FERRITE CHIP BEADS

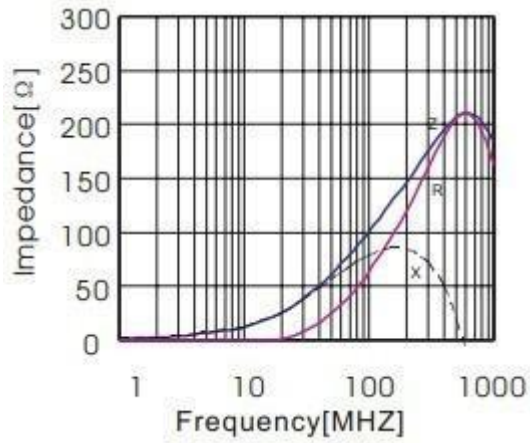
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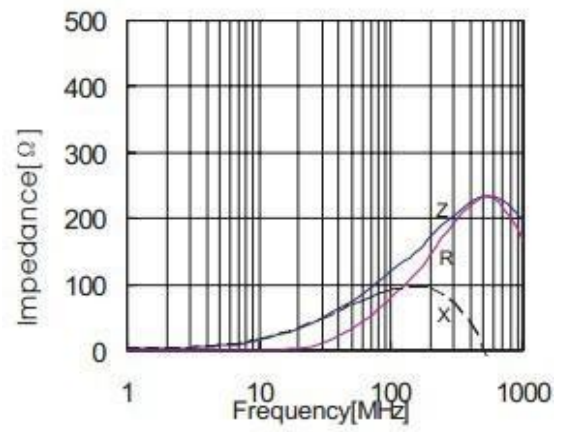
DBPB100505F600Y



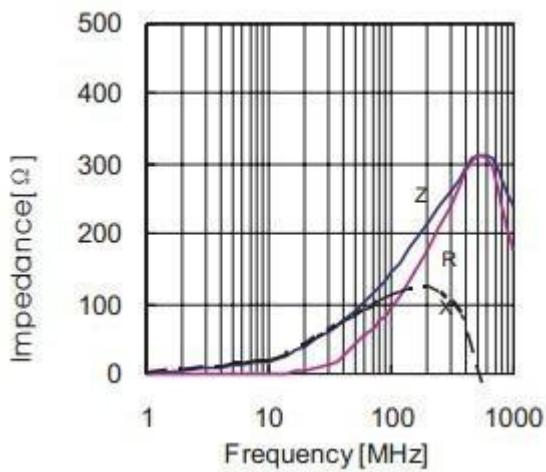
DBPB100505F101Y



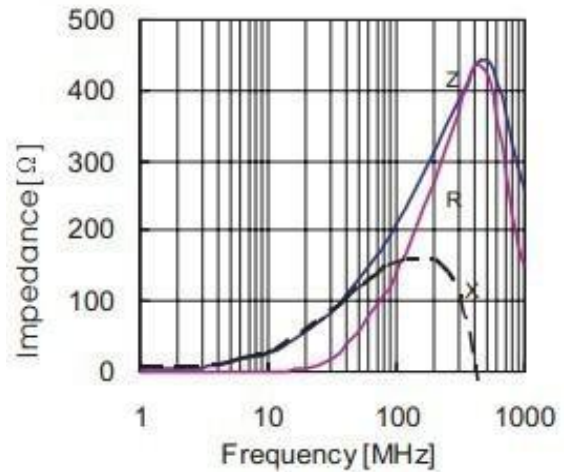
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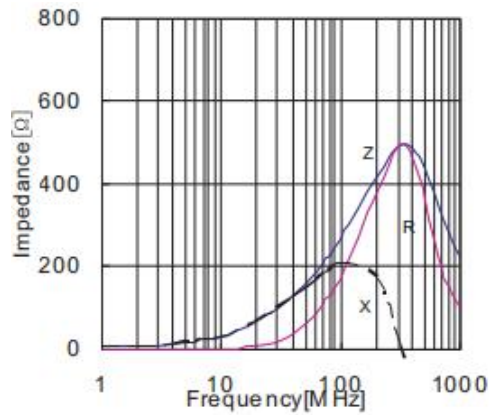
DBPB100505F151Y



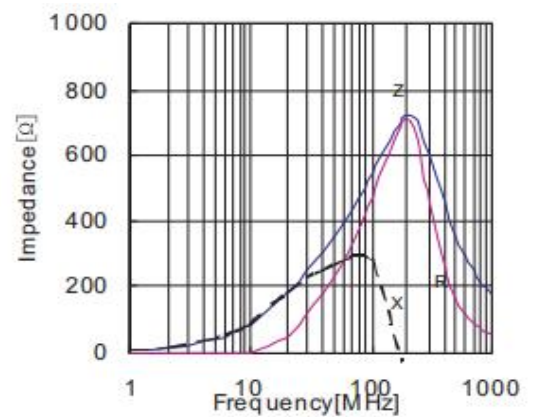
DBPB100505F201Y

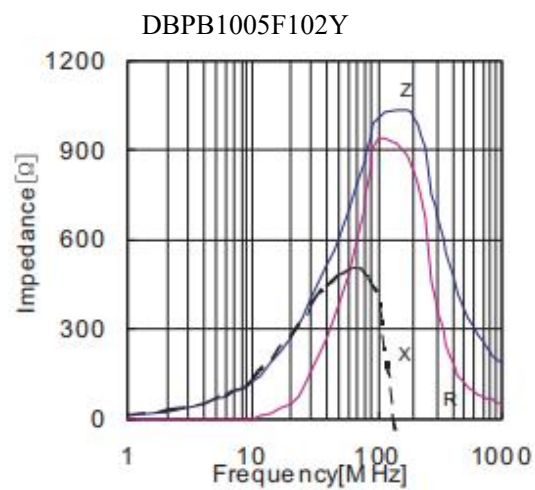
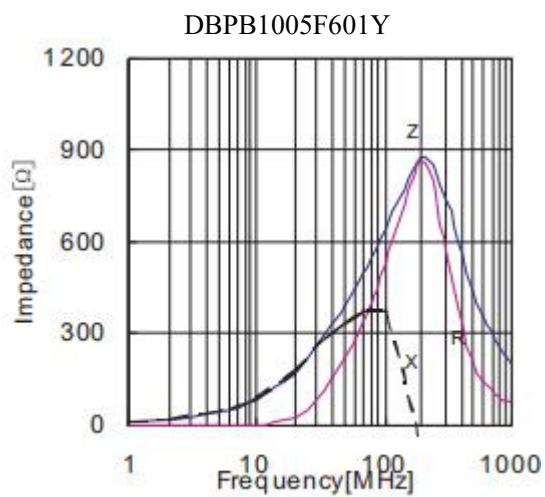


DBPB1005F331Y



DBPB1005F471Y







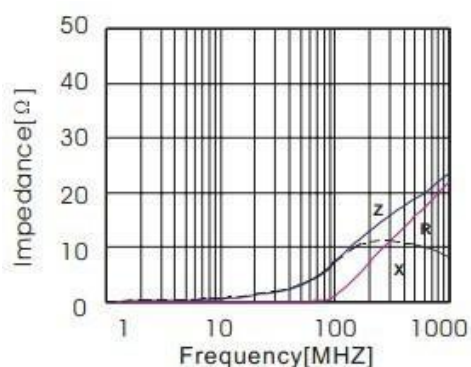
ELECTRONIC COMPANY

Electrical Characteristics DBPB1608(0603) Series(4000pcs/reel)

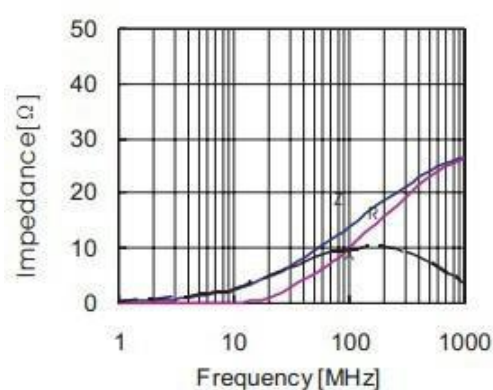
Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrent(mA)Max	DC (Ω)Max
DBPB1608F000Y	5~7	100	4000	0.02
DBPB1608F190Y	12~25	100	4000	0.03
DBPB1608F260Y	26 $\pm 25\%$	100	4000	0.03
DBPB1608F300Y	30 $\pm 25\%$	100	4000	0.035
DBPB1608F600Y	60 $\pm 25\%$	100	4000	0.04
DBPB1608F800Y	80 $\pm 25\%$	100	4000	0.05
DBPB1608F101Y	100 $\pm 25\%$	100	3000	0.08
DBPB1608F121Y	120 $\pm 25\%$	100	3000	0.08
DBPB1608F151Y	150 $\pm 25\%$	100	2000	0.085
DBPB1608F181Y	180 $\pm 25\%$	100	2000	0.09
DBPB1608F221Y	220 $\pm 25\%$	100	2000	0.095
DBPB1608F301Y	300 $\pm 25\%$	100	1500	0.12
DBPB1608F471Y	470 $\pm 25\%$	100	1200	0.15
DBPB1608F601Y	600 $\pm 25\%$	100	1000	0.15
DBPB1608F801Y	800 $\pm 25\%$	100	1000	0.20
DBPB1608F102Y	1000 $\pm 25\%$	100	1000	0.25
DBPB1608F122Y	1200 $\pm 25\%$	100	800	0.65
DBPB1608F152Y	1500 $\pm 25\%$	100	500	0.75
DBPB1608F182Y	1800 $\pm 25\%$	100	500	0.75
DBPB1608F202Y	2000 $\pm 25\%$	100	500	0.90

FERRITE CHIP BEADS

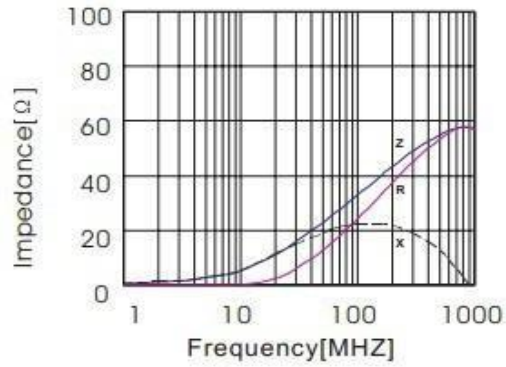
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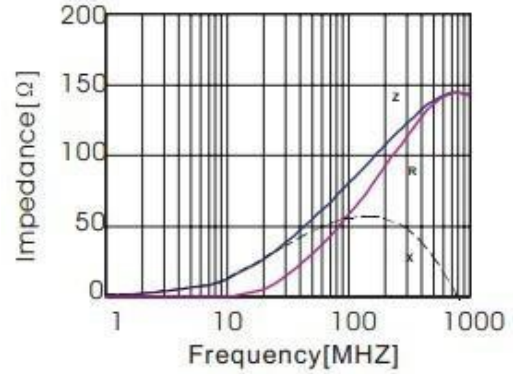
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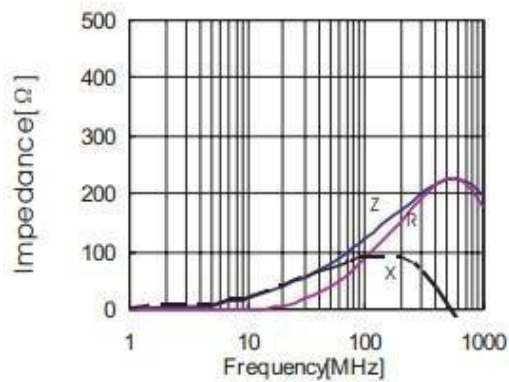
DBPB1608Y300Y



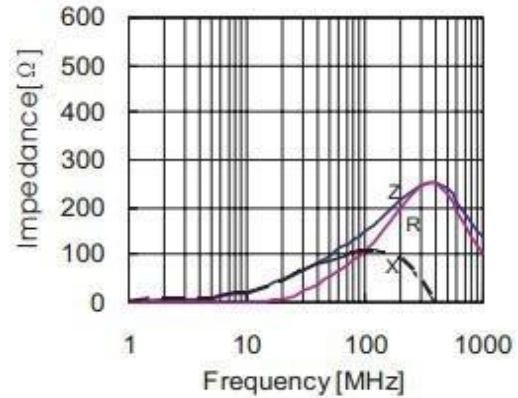
DBPB1608Y600Y



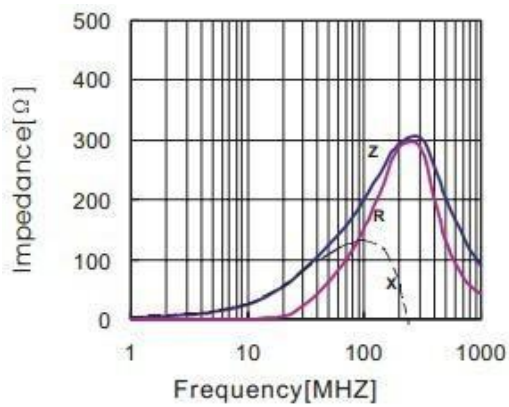
DBPB1608Y121Y



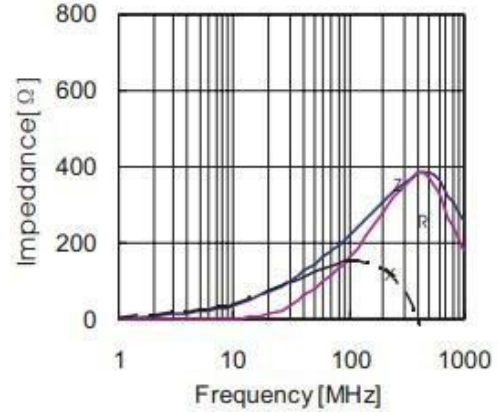
DBPB1608Y151Y



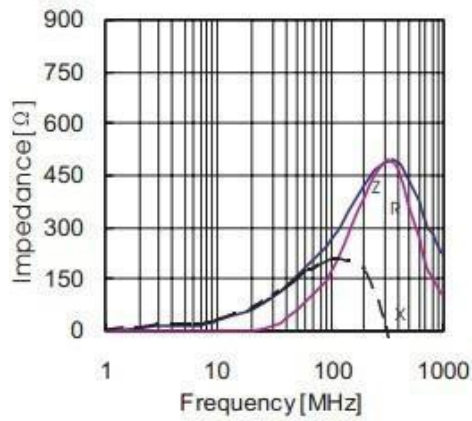
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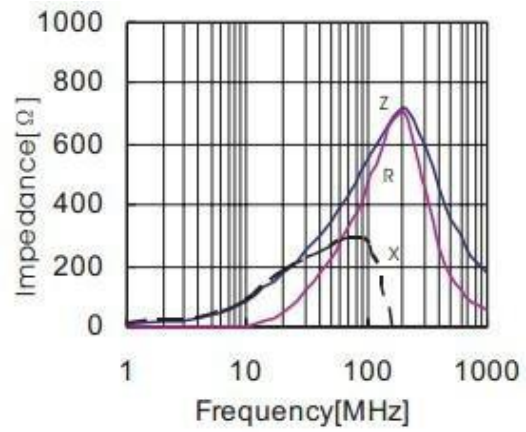
DBPB1608Y221Y



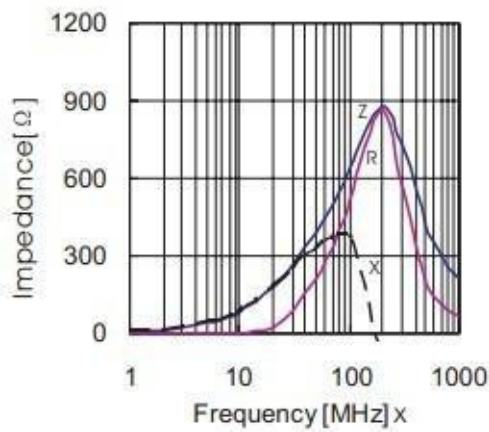
DBPB1608Y301Y



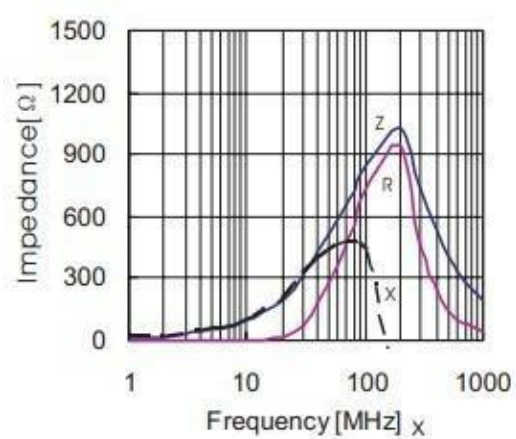
DBPB1608Y471Y



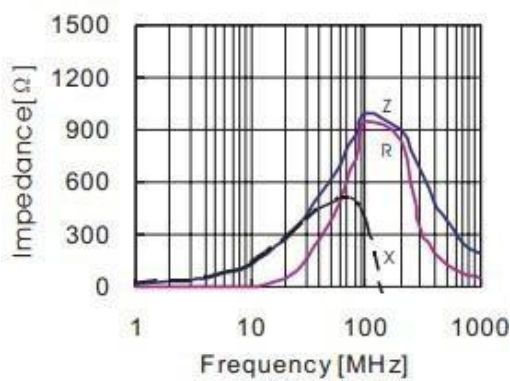
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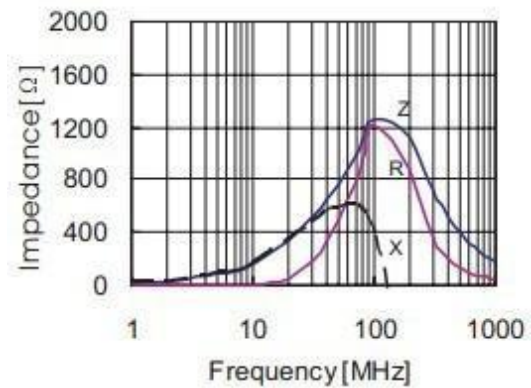
DBPB1608Y801Y



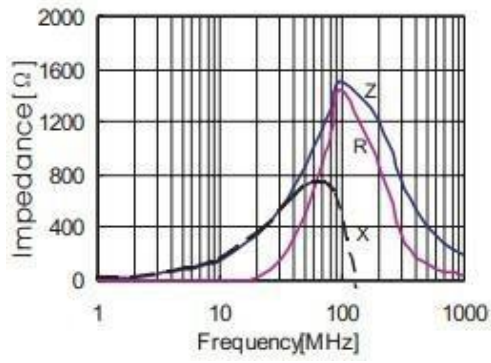
DBPB1608Y102Y



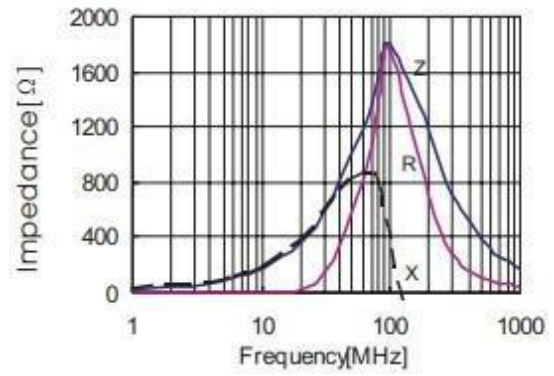
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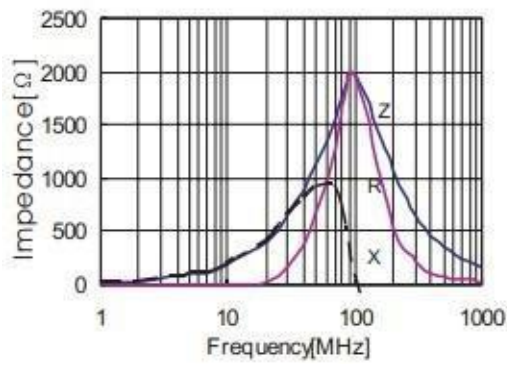
DBPB1608Y152Y



DBPB1608Y182Y



DBPB1608Y202Y



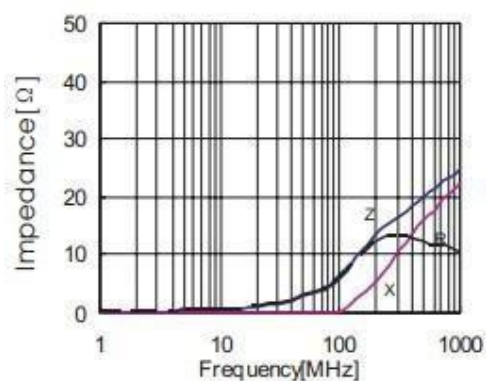


Electrical Characteristics DBPB2012(0805) Series(4000pcs/reel)

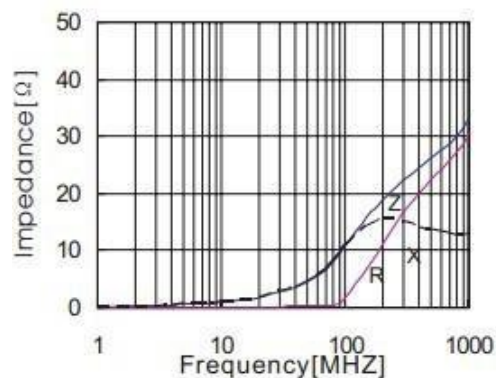
Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrent(mA)Max	DC (Ω)Max
DBPB2012F050Y	0~15	100	6000	0.01
DBPB2012F110Y	7~15	100	5000	0.02
DBPB2012F260Y	26 $\pm 25\%$	100	4000	0.015
DBPB2012F300Y	30 $\pm 25\%$	100	4000	0.015
DBPB2012F500Y	50 $\pm 25\%$	100	4000	0.025
DBPB2012F600Y	60 $\pm 25\%$	100	4000	0.03
DBPB2012F800Y	80 $\pm 25\%$	100	4000	0.04
DBPB2012F101Y	100 $\pm 25\%$	100	3000	0.04
DBPB2012F121Y	120 $\pm 25\%$	100	3000	0.04
DBPB2012F151Y	150 $\pm 25\%$	100	3000	0.04
DBPB2012F181Y	180 $\pm 25\%$	100	2500	0.05
DBPB2012F221Y	220 $\pm 25\%$	100	2500	0.08
DBPB2012F301Y	300 $\pm 25\%$	100	2000	0.08
DBPB2012F471Y	470 $\pm 25\%$	100	2000	0.1
DBPB2012F601Y	600 $\pm 25\%$	100	2000	0.1
DBPB2012F801Y	800 $\pm 25\%$	100	1500	0.12
DBPB2012F102Y	1000 $\pm 25\%$	100	1500	0.12
DBPB2012F122Y	1200 $\pm 25\%$	100	1000	0.45
DBPB2012F152Y	1500 $\pm 25\%$	100	1000	0.50
DBPB2012F202Y	1500 $\pm 25\%$	100	800	0.50

FERRITE CHIP BEADS

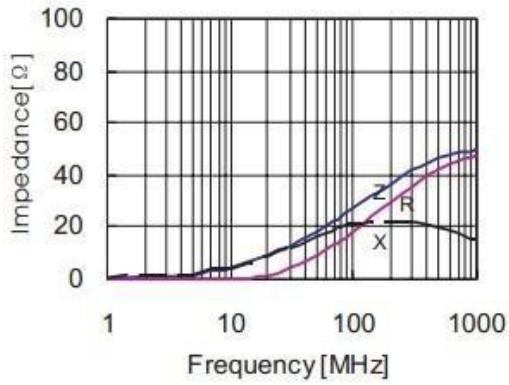
DBPB2012F050Y



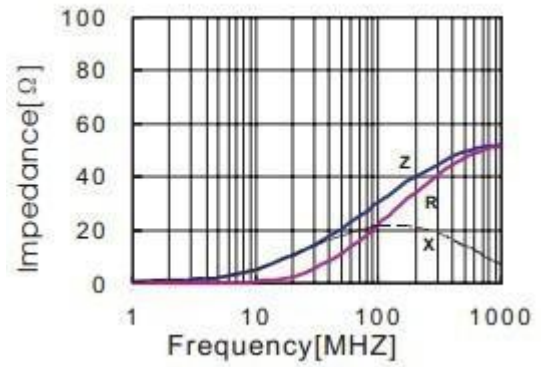
DBPB2012F110Y



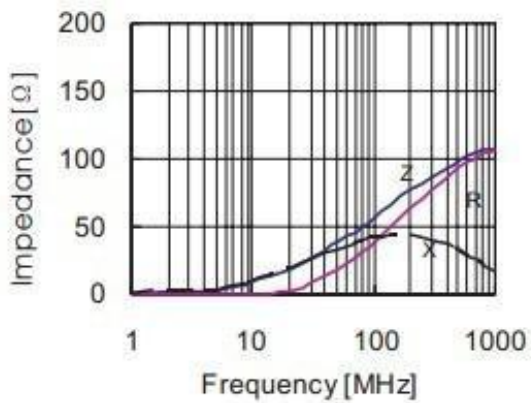
DBPB2012F260



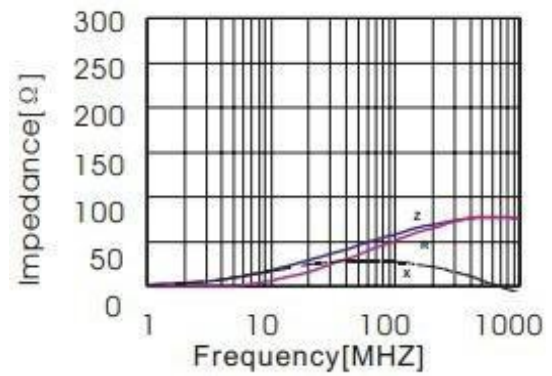
DBPB2012F300



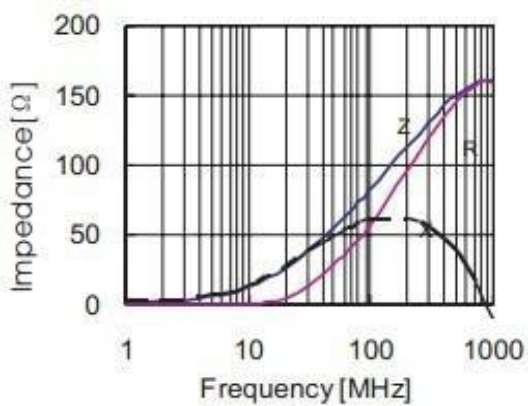
DBPB2012F500Y



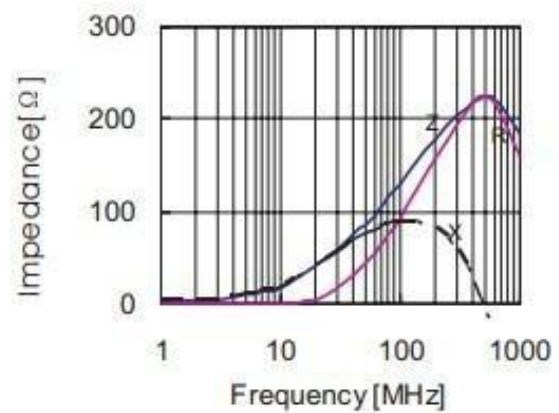
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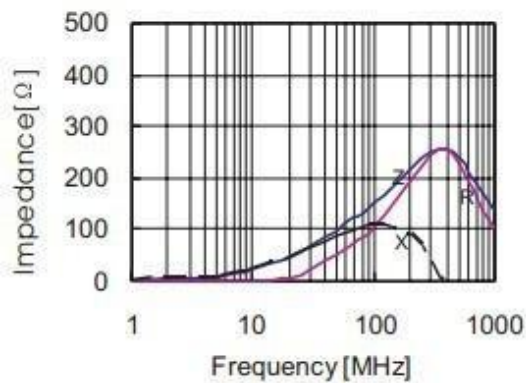
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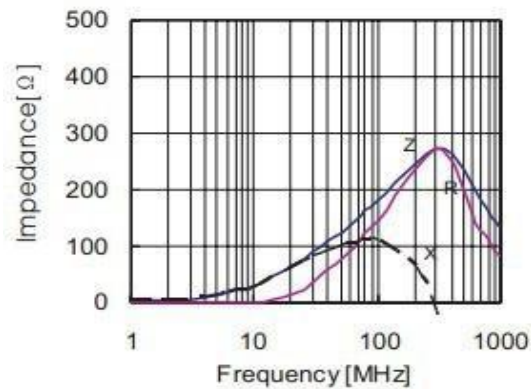
DBPB2012F121Y



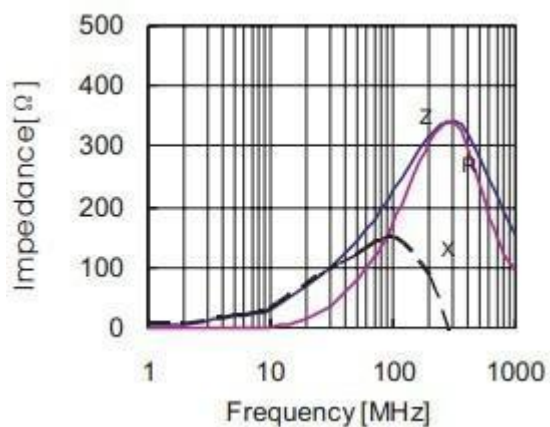
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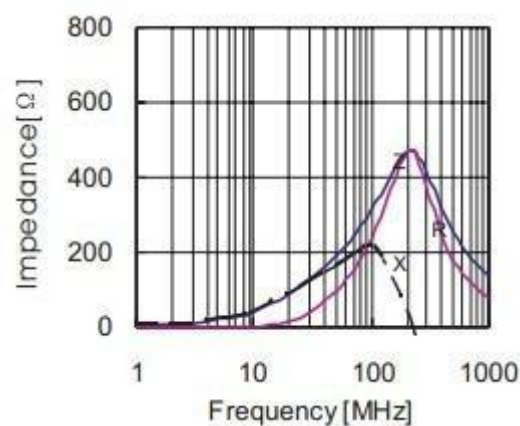
DBPB2012F181



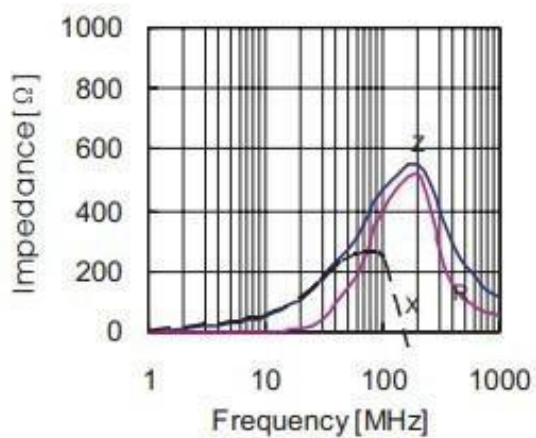
DBPB2012F221Y



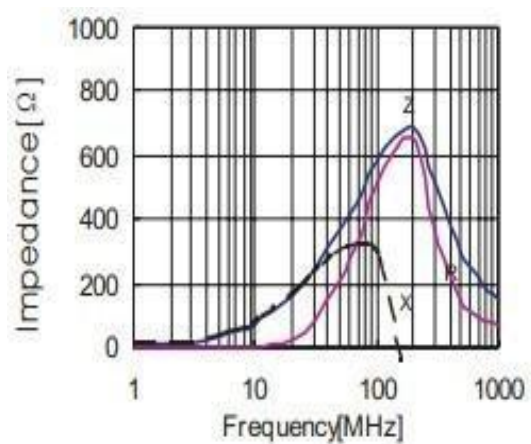
DBPB2012F301Y



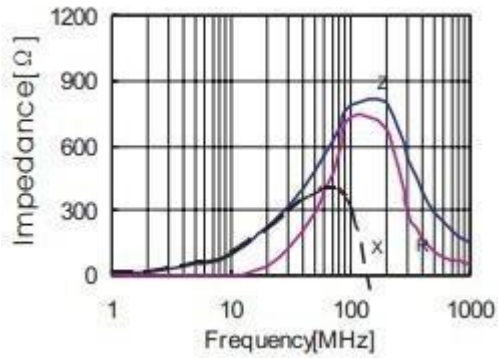
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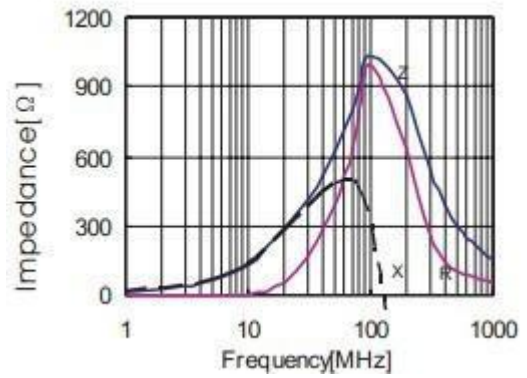
DBPB2012F601Y



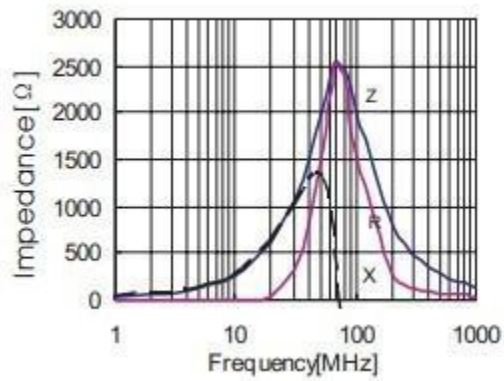
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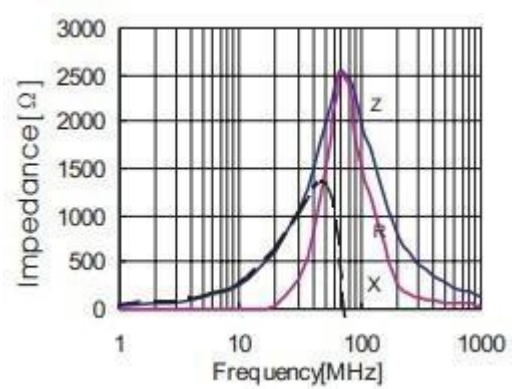
DBPB2012F102Y



DBPB2012F122Y



DBPB2012F152Y



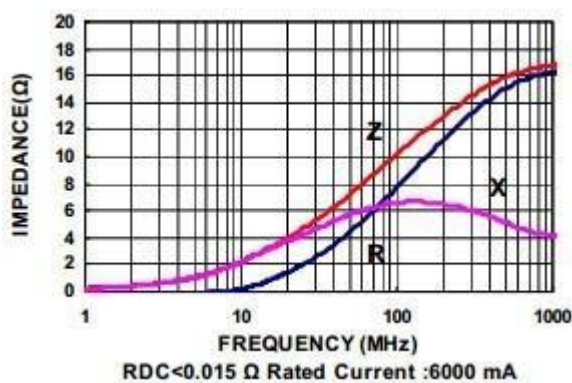


Electrical Characteristics DBPB3216(1206) Series(4000pcs/reel)

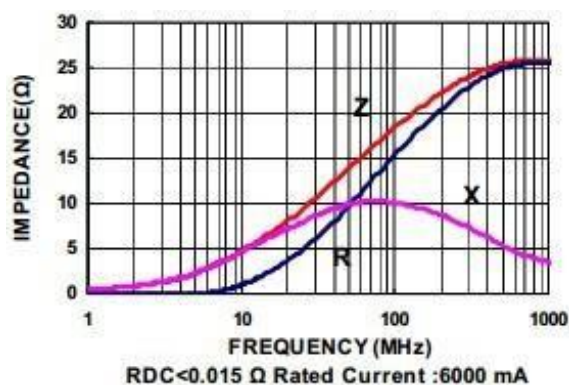
Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrent(mA)Max	DC (Ω)Max
DBPB3216F100Y	10 $\pm 30\%$	100	6000	0.015
DBPB3216F190Y	19	100	6000	0.015
DBPB3216F300Y	30	100	4000	0.02
DBPB3216F600Y	60	100	4000	0.025
DBPB3216F101Y	100	100	3000	0.025
DBPB3216F121Y	120	100	3000	0.03
DBPB3216F221Y	220	100	2000	0.05
DBPB3216F301Y	300	100	2000	0.06
DBPB3216F391Y	390	100	2000	0.07
DBPB3216F471Y	470	100	2000	0.08
DBPB3216F601Y	600	100	2000	0.1
DBPB3216F102Y	1000	50	2000	0.15
DBPB3216F122Y	1200	50	1500	0.18
DBPB3216F152Y	1500	50	1000	0.2

FERRITE CHIP BEADS

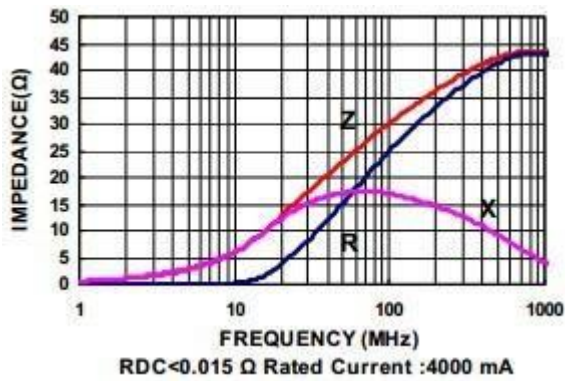
DBPB3216F100Y



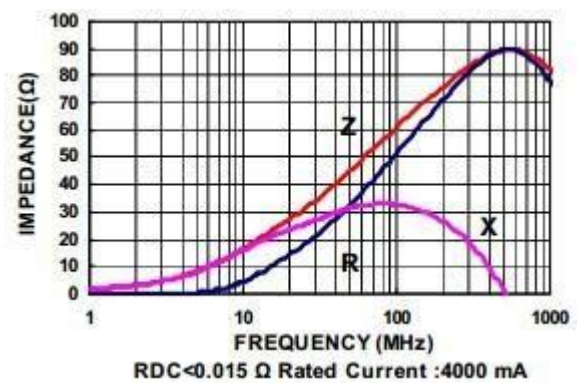
DBPB3216F190Y



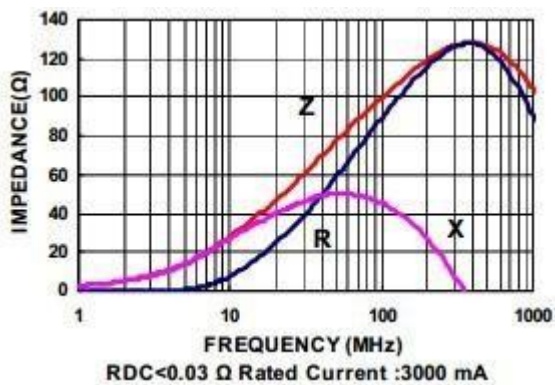
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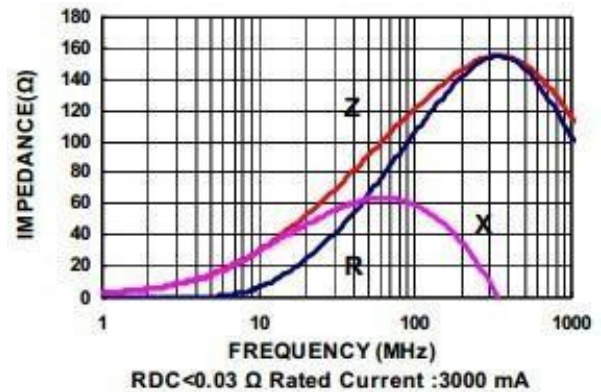
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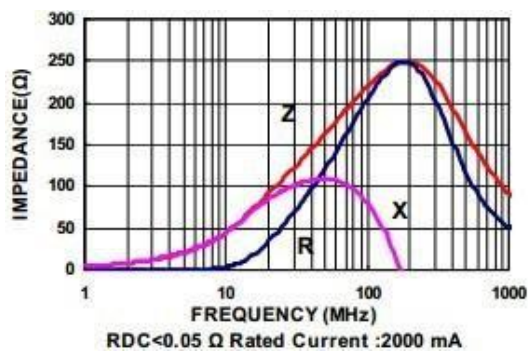
DBPB3216F101Y



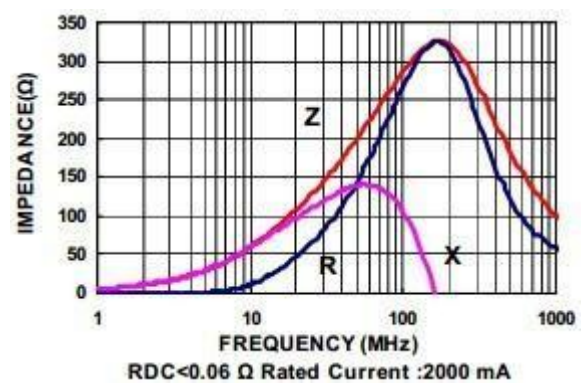
DBPB3216F121Y



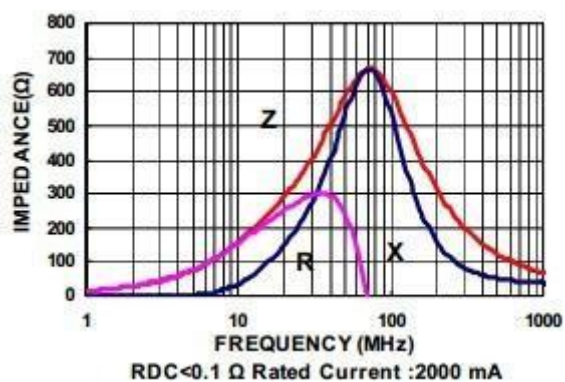
DBPB3216F221Y



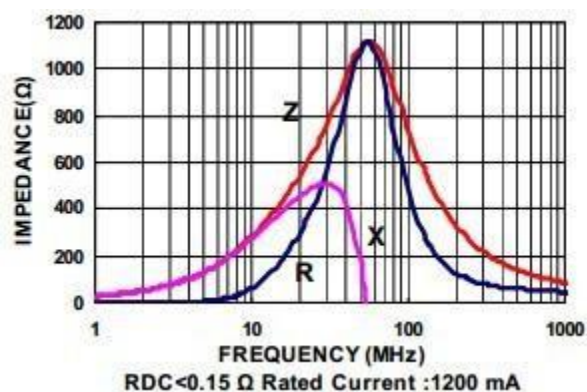
DBPB3216F301Y



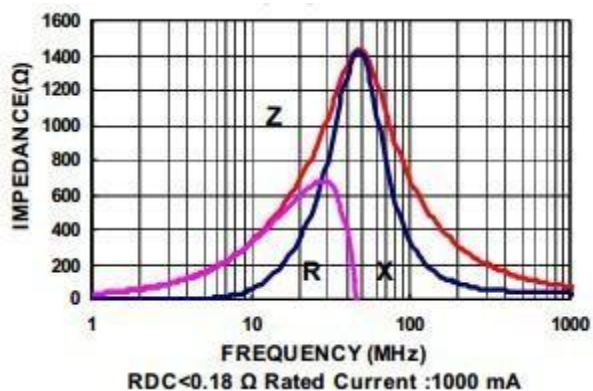
DBPB3216F601Y



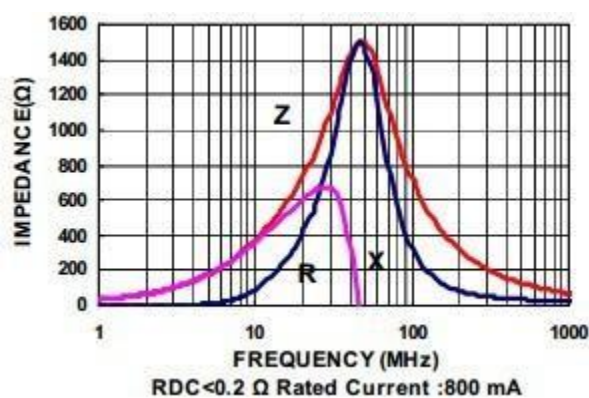
DBPB3216F102Y



DBPB3216F122Y



DBPB3216F152Y





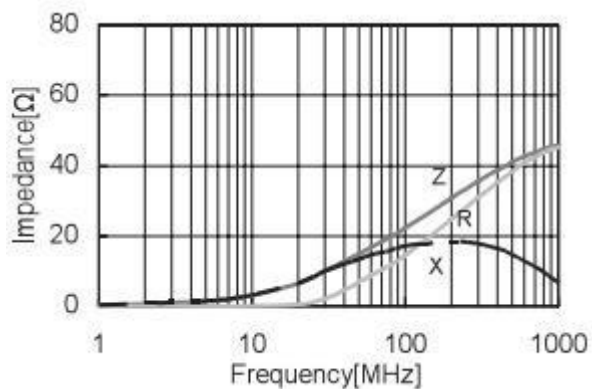
ELECTRONIC COMPANY

Electrical Characteristics DBPB3225(1210) Series(2000pcs/reel)

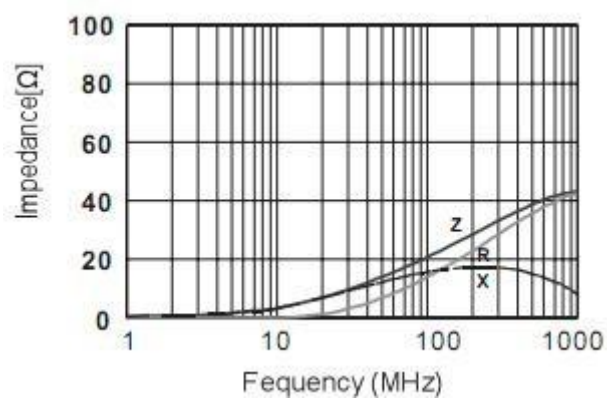
Part NO	Impedance ($\Omega \pm 25\%$)	Test Frequency(MHz)	Rated Current(mA)Max	DC (Ω)Max
DBPB3225F190Y	12~25	100	5000	0.05
DBPB3225F260Y	26	100	5000	0.05
DBPB3225F300Y	30	100	5000	0.05
DBPB3225F600Y	60	100	4000	0.06
DBPB3225F800Y	80	100	3000	0.08
DBPB3225F121Y	120	100	3000	0.10
DBPB3225F151Y	150	100	3000	0.10
DBPB3225F181Y	180	100	3000	0.15
DBPB3225F221Y	220	100	3000	0.15
DBPB3225F301Y	300	100	3000	0.15
DBPB3225F501Y	500	100	2000	0.15
DBPB3225F601Y	600	100	2000	0.20
DBPB3225F801Y	800	100	2000	0.25
DBPB3225F102Y	1000	100	2000	0.30
DBPB3225F151Y	1500	100	1500	0.35
DBPB3225F202Y	1000	100	1000	0.50

FERRITE CHIP BEADS

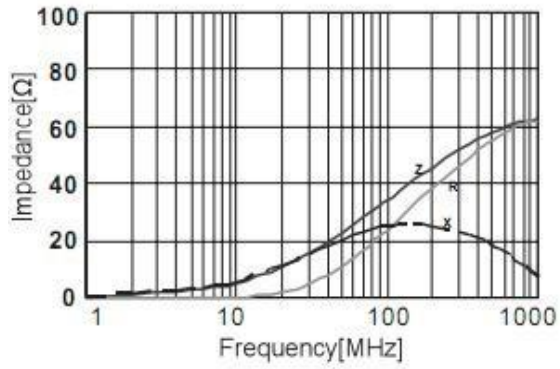
DBPB3225F190Y



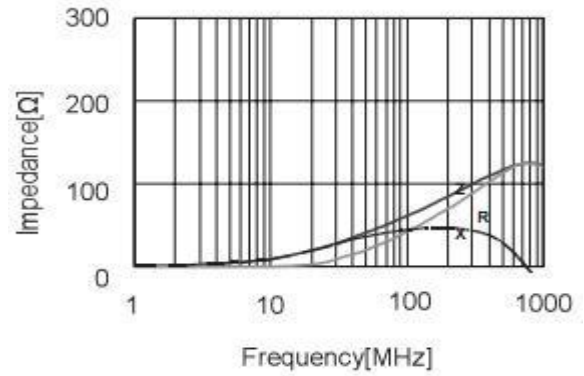
DBPB3225F260Y



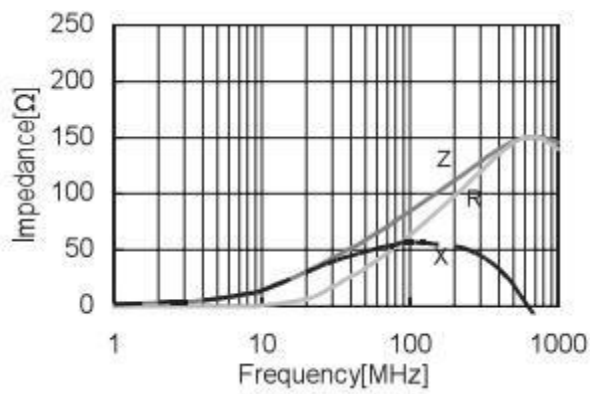
DBPB3225F310Y



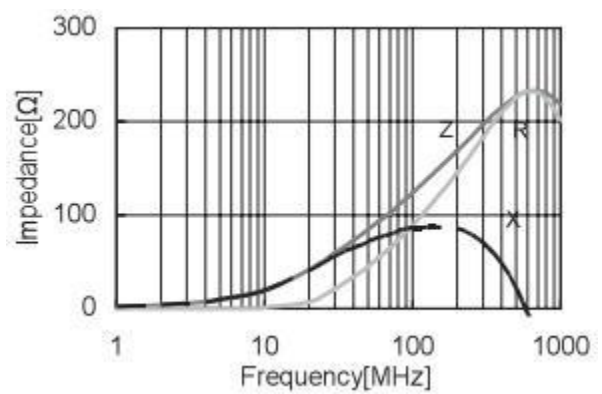
DBPB3225F600Y



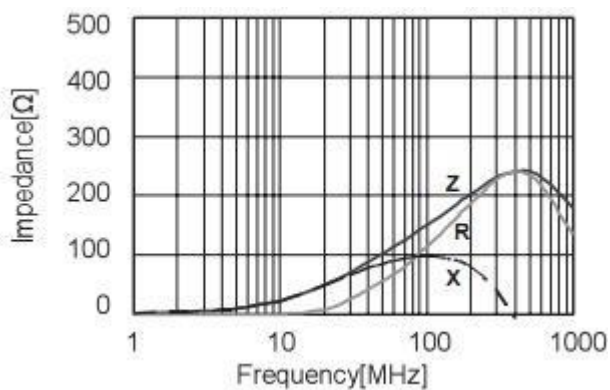
DBPB3225F800Y



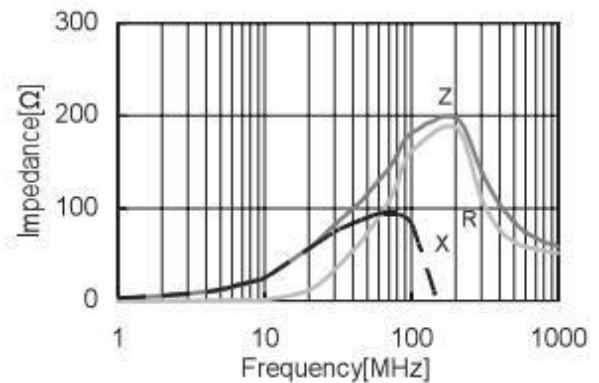
DBPB3225F121Y



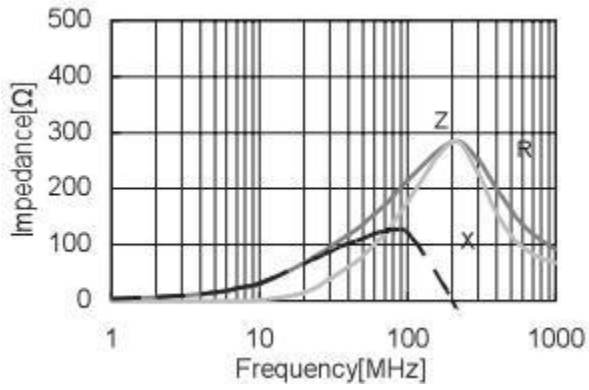
DBPB3225F151Y



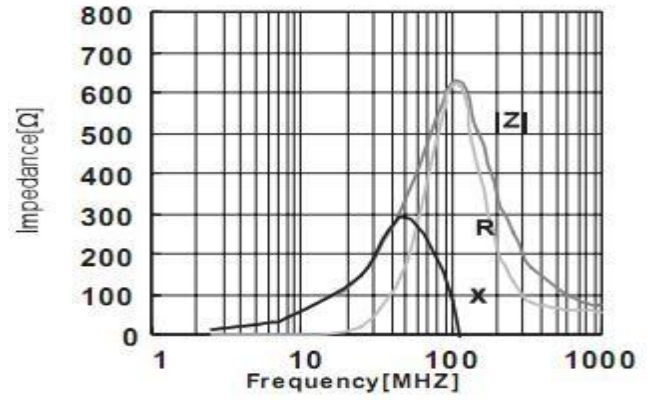
DBPB3225F181Y



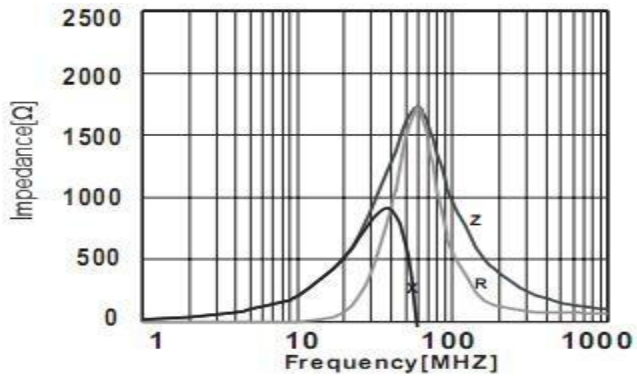
DBPB3225F221Y



DBPB3225F601Y



DBPB3225F102Y





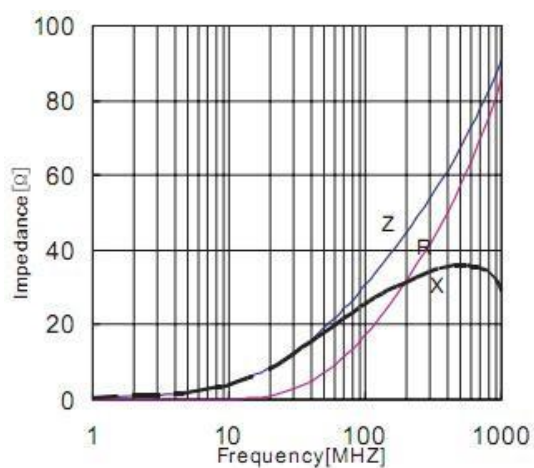
ELECTRONIC COMPANY

Electrical Characteristics DBPB4516(1806) Series(2000pcs/reel)

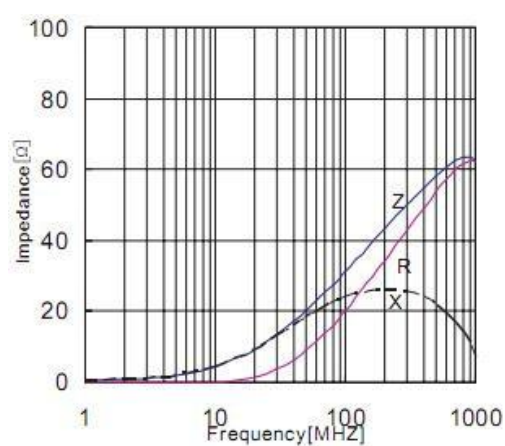
Part NO	Impedance ($\Omega \pm 25\%$)	Test FreqFency(MHz)	Rated CFrrrent(mA)Max	DC (Ω)Max
DBPB4516F260Y	26	100	6000	0.05
DBPB4516F310Y	31	100	6000	0.05
DBPB4516F750Y	80	100	6000	0.08
DBPB4516F900Y	90	100	6000	0.10
DBPB4516F111Y	110	100	6000	0.10
DBPB4516F151Y	180	100	5000	0.10
DBPB4516F221Y	220	100	5000	0.15
DBPB4516F301Y	300	100	4000	0.20
DBPB4516F501Y	500	100	1000	0.25
DBPB4516F601Y	600	100	1000	0.30
DBPB4516F801Y	800	100	1000	0.30

FERRITE CHIP BEADS

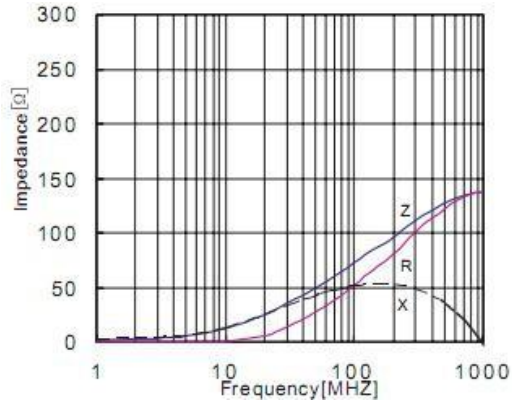
DBPB4516F260Y



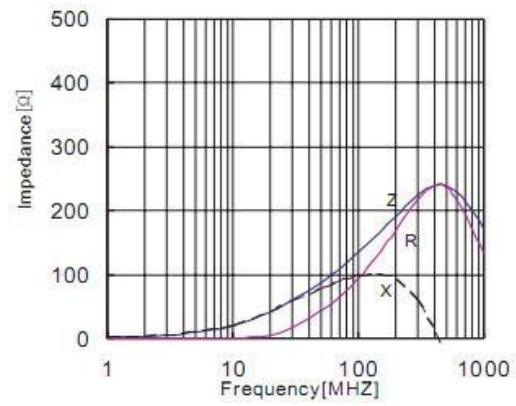
DBPB4516F310Y



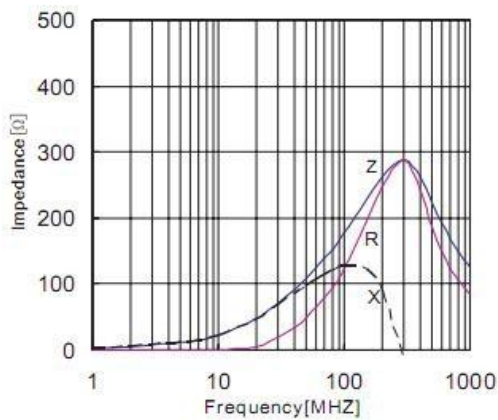
DBPB4516F750Y



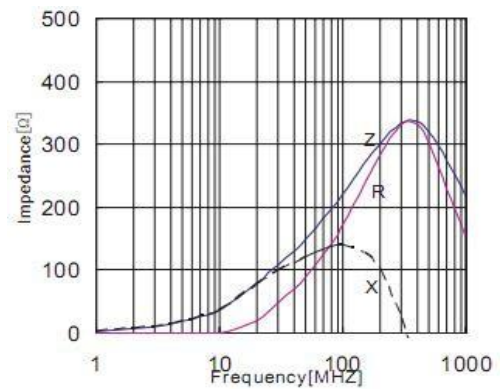
DBPB4516F111Y



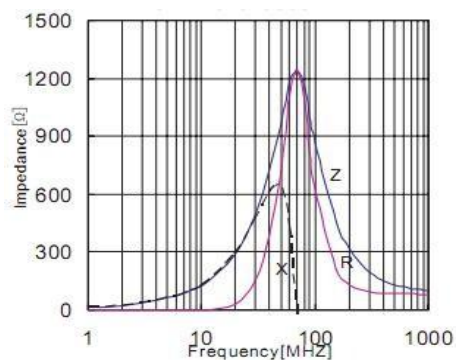
DBPB4516F181Y



DBPB4516F221Y



DBPB4516F801Y





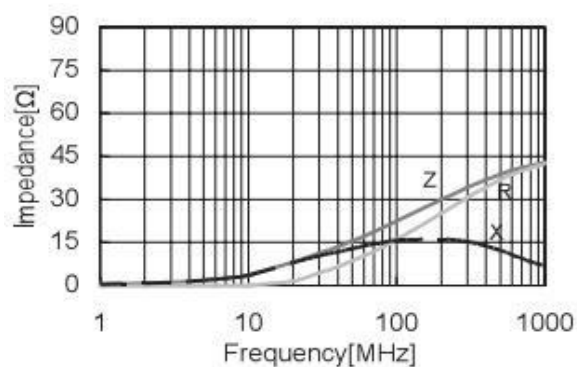
ELECTRONIC COMPANY

Electrical Characteristics DBPB4532(1812) Series(1000pcs/reel)

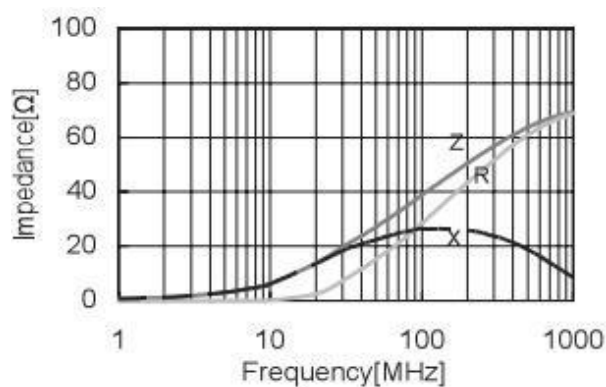
Part NO	Impedance ($\Omega \pm 25\%$)	Test Frequency(MHz)	Rated Current(mA)Max	DC (Ω)Max
DBPB4532F190Y	12~25	100	6000	0.05
DBPB4532F260Y	26	100	6000	0.05
DBPB4532F380Y	38	100	6000	0.06
DBPB4532F700Y	70	100	6000	0.06
DBPB4532F800Y	80	100	6000	0.08
DBPB4532F101Y	100	100	6000	0.08
DBPB4532F121Y	120	100	6000	0.08
DBPB4532F151Y	150	100	5000	0.10
DBPB4532F181Y	180	100	5000	0.15
DBPB4532F221Y	220	100	5000	0.15
DBPB4532F501Y	500	100	2000	0.20
DBPB4532F601Y	600	100	2000	0.25
DBPB4532F801Y	800	100	1000	0.30
DBPB4532F102Y	1000	100	800	0.35

FERRITE CHIP BEADS

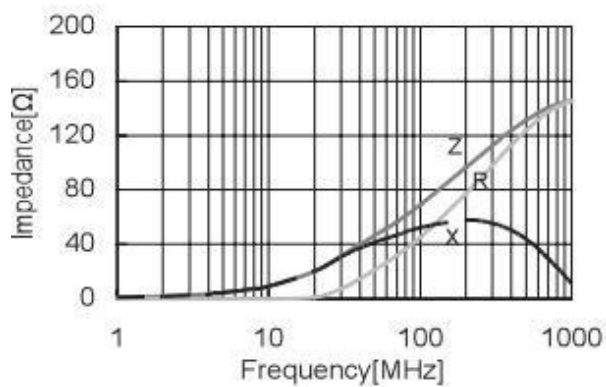
DBPB4532F190Y



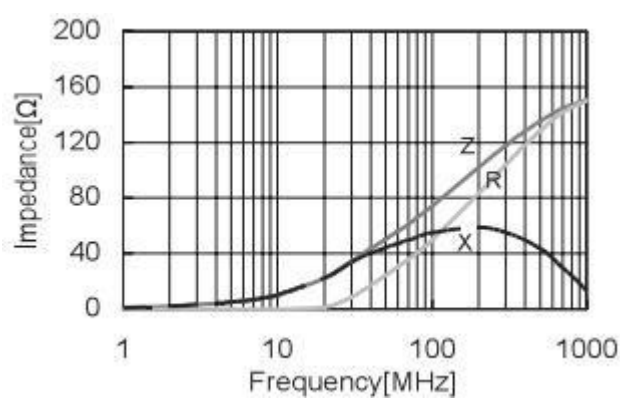
DBPB4532F380Y



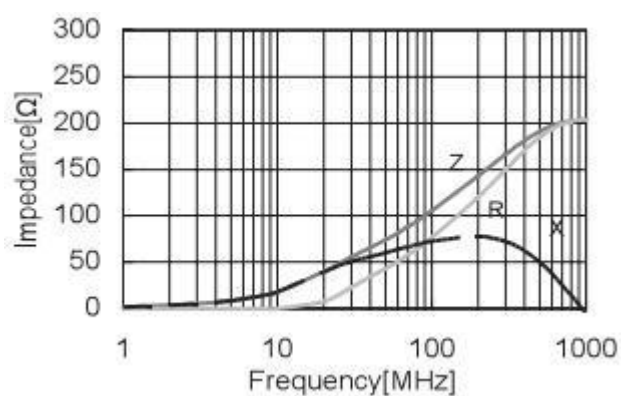
DBPB4532F700Y



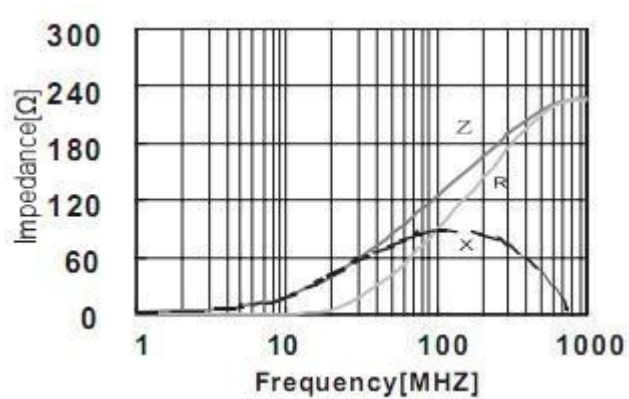
DBPB4532F800Y



DBPB4532F101Y



DBPB4532F121Y



DBPB4532F301Y

