

Multilayer Chip Ferrite Bead AWPZ Series



Product features

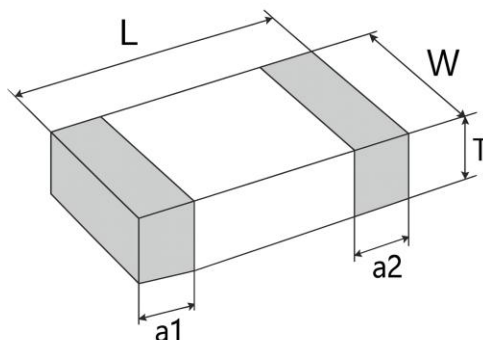
- Effective EMI from MHz to GHz across a wide frequency range
- Supports up to 9A with low DCR, ideal for energy-efficient applications
- Magnetic self-shielded reduce crosstalk and layout interference
- Durable SMT structures ensure long-term performance stability



Applications

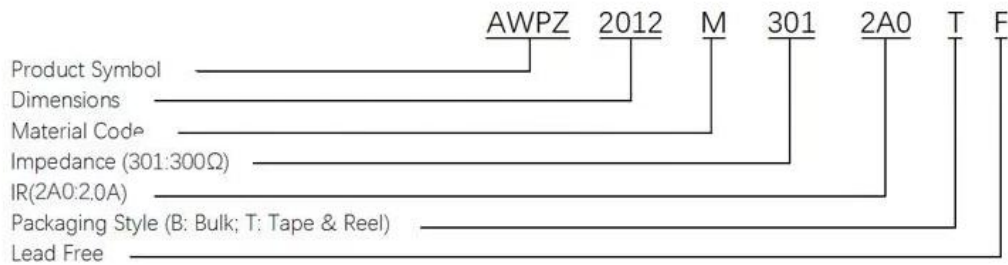
- Smartphones, tablets, and compact electronics
- Power and signal lines in servers, routers, and network systems
- EMI filtering in high-speed digital circuits and interfaces
- Industrial automation, smart grids, and robotics

Dimensions (mm) AWPZ Series



TYPE	L	W	T	a
1005[0402]	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10
1608[0603]	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20
2012[0805]	2.00±0.20	1.25±0.20	0.80±0.20	0.40±0.30
3216[1206]	3.20±0.20	1.60±0.20	0.80±0.20	0.50±0.30
3225[1210]	3.20±0.20	2.50±0.20	1.30±0.30	0.50±0.30
4516[1806]	4.50±0.20	1.60±0.20	1.60±0.30	0.50±0.30
4532[1812]	4.50±0.20	3.20±0.20	1.60±0.30	0.50±0.30

How to Order



Specifications AWPZ 1005 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ1005M100-1A0 TF	0~30	100	0.060	1000
AWPZ1005M310-2A0 TF	31±25%	100	0.045	2000
AWPZ1005M600-1A0 TF	60±25%	100	0.060	1000
AWPZ1005M800-1A0 TF	80±25%	100	0.160	1000
AWPZ1005M121-1A5 TF	120±25%	100	0.130	1500
AWPZ1005M121-2A0 TF	120±25%	100	0.090	2000
AWPZ1005M181-1A3 TF	180±25%	100	0.195	1300
AWPZ1005M221-1A3 TF	220±25%	100	0.195	1300
AWPZ1005M301-1A3 TF	300±25%	100	0.195	1300
AWPZ1005M471-1A0 TF	470±25%	100	0.400	1000
AWPZ1005M601-1A0 TF	600±25%	100	0.400	1000
AWPZ1005M601-A70 TF	600±25%	100	0.560	700

Notes:

- Operating temperature: -55 °C to +125 °C
- Thermal shock: 100 cycles from -40 °C to +125 °C
- Biased humidity: 85% RH at 85 °C for 1000 hours at full rated current
- Voltage rating: 100 V

Specifications AWPZ 1608 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ1608M000-3A0 TF	0~10	100	0.020	3000
AWPZ1608M000-4A0 TF	0~10	100	0.010	4000
AWPZ1608M110-4A0 TF	11 $\pm$ 25%	100	0.010	4000
AWPZ1608M110-3A0 TF	11 $\pm$ 25%	100	0.020	3000
AWPZ1608M190-6A0 TF	19 $\pm$ 25%	100	0.012	6000
AWPZ1608M190-3A0 TF	19 $\pm$ 25%	100	0.030	3000
AWPZ1608M260-6A0 TF	26 $\pm$ 25%	100	0.012	6000
AWPZ1608M260-3A0 TF	26 $\pm$ 25%	100	0.030	3000
AWPZ1608M300-1A0 TF	30 $\pm$ 25%	100	0.075	1000
AWPZ1608M310-3A0 TF	31 $\pm$ 25%	100	0.030	3000
AWPZ1608M400-3A0 TF	40 $\pm$ 25%	100	0.030	3000
AWPZ1608M470-3A0 TF	47 $\pm$ 25%	100	0.030	3000
AWPZ1608M600-4A0 TF	60 $\pm$ 25%	100	0.020	4000
AWPZ1608M600-3A0 TF	60 $\pm$ 25%	100	0.030	3000
AWPZ1608M600-2A0 TF	60 $\pm$ 25%	100	0.080	2000
AWPZ1608M600-1A0TF	60 $\pm$ 25%	100	0.080	1000
AWPZ1608M700-3A0 TF	70 $\pm$ 25%	100	0.040	3000
AWPZ1608M800-3A0TF	80 $\pm$ 25%	100	0.050	3000
AWPZ1608M800-2A5TF	80 $\pm$ 25%	100	0.055	2500
AWPZ1608M800-2A0TF	80 $\pm$ 25%	100	0.065	2000
AWPZ1608M800-1A5TF	80 $\pm$ 25%	100	0.080	1500
AWPZ1608M900-2A0 TF	90 $\pm$ 25%	100	0.085	2000
AWPZ1608M101-3A0 TF	100 $\pm$ 25%	100	0.045	3000
AWPZ1608M101-2A0 TF	100 $\pm$ 25%	100	0.065	2000
AWPZ1608M121-3A0 TF	120 $\pm$ 25%	100	0.055	3000
AWPZ1608M121-2A0 TF	120 $\pm$ 25%	100	0.065	2000
AWPZ1608M121-1A0 TF	120 $\pm$ 25%	100	0.100	1000
AWPZ1608M121-A60 TF	120 $\pm$ 25%	100	0.160	600
AWPZ1608M151-2A0 TF	150 $\pm$ 25%	100	0.075	2000
AWPZ1608M151-1A0 TF	150 $\pm$ 25%	100	0.100	1000
AWPZ1608M181-2A5 TF	180 $\pm$ 25%	100	0.070	2500
AWPZ1608M181-2A0 TF	180 $\pm$ 25%	100	0.090	2000
AWPZ1608M181-1A5 TF	180 $\pm$ 25%	100	0.120	1500
AWPZ1608M181-1A0 TF	180 $\pm$ 25%	100	0.150	1000
AWPZ1608M201-1A5 TF	200 $\pm$ 25%	100	0.120	1500
AWPZ1608M221-3A0 TF	220 $\pm$ 25%	100	0.075	3000
AWPZ1608M221-2A0 TF	220 $\pm$ 25%	100	0.100	2000

Specifications AWPZ 1608 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ1608M221-1A0 TF	220 $\pm$ 25%	100	0.150	1000
AWPZ1608M301-3A0 TF	300 $\pm$ 25%	100	0.075	3000
AWPZ1608M301-2A0 TF	300 $\pm$ 25%	100	0.120	2000
AWPZ1608M301-1A5 TF	300 $\pm$ 25%	100	0.150	1500
AWPZ1608M301-1A0 TF	300 $\pm$ 25%	100	0.200	1000
AWPZ1608M471-2A0 TF	470 $\pm$ 25%	100	0.150	2000
AWPZ1608M471-1A0 TF	470 $\pm$ 25%	100	0.200	1000
AWPZ1608M601-1A5 TF	600 $\pm$ 25%	100	0.200	1500
AWPZ1608M601-1A3 TF	600 $\pm$ 25%	100	0.300	1300
AWPZ1608M601-1A0 TF	600 $\pm$ 25%	100	0.400	1000
AWPZ1608M751-A50 TF	750 $\pm$ 25%	100	0.450	500
AWPZ1608M102-A50 TF	1000 $\pm$ 25%	100	0.400	500

Specifications AWPZ 2012 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ2012M000-6A0 TF	0~15	100	0.010	6000
AWPZ2012M110-6A0 TF	11 $\pm$ 25%	100	0.010	6000
AWPZ2012M190-6A0 TF	19 $\pm$ 25%	100	0.010	6000
AWPZ2012M220-6A0 TF	22 $\pm$ 25%	100	0.010	6000
AWPZ2012M260-6A0 TF	26 $\pm$ 25%	100	0.012	6000
AWPZ2012M260-3A0 TF	26 $\pm$ 25%	100	0.020	3000
AWPZ2012M300-6A0 TF	30 $\pm$ 25%	100	0.012	6000
AWPZ2012M310-6A0 TF	31 $\pm$ 25%	100	0.012	6000
AWPZ2012M310-3A0 TF	31 $\pm$ 25%	100	0.020	3000
AWPZ2012M310-2A0 TF	31 $\pm$ 25%	100	0.035	2000
AWPZ2012M310-1A5 TF	31 $\pm$ 25%	100	0.050	1500
AWPZ2012M390-4A0 TF	39 $\pm$ 25%	100	0.020	4000
AWPZ2012M400-3A0 TF	40 $\pm$ 25%	100	0.050	3000
AWPZ2012M400-2A5 TF	40 $\pm$ 25%	100	0.055	2500
AWPZ2012M400-2A0 TF	40 $\pm$ 25%	100	0.075	2000
AWPZ2012M400-1A5 TF	40 $\pm$ 25%	100	0.085	1500
AWPZ2012M500-3A0 TF	50 $\pm$ 25%	100	0.040	3000

Specifications AWPZ 2012 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ2012M600-6A0 TF	60 $\pm$ 25%	100	0.012	6000
AWPZ2012M600-3A0 TF	60 $\pm$ 25%	100	0.040	3000
AWPZ2012M600-2A5 TF	60 $\pm$ 25%	100	0.055	2500
AWPZ2012M600-2A0 TF	60 $\pm$ 25%	100	0.065	2000
AWPZ2012M600-1A5 TF	60 $\pm$ 25%	100	0.085	1500
AWPZ2012M600-1A0 TF	60 $\pm$ 25%	100	0.090	1000
AWPZ2012M800-6A0 TF	80 $\pm$ 25%	100	0.012	6000
AWPZ2012M800-3A0 TF	80 $\pm$ 25%	100	0.040	3000
AWPZ2012M800-2A5 TF	80 $\pm$ 25%	100	0.050	2500
AWPZ2012M800-2A0 TF	80 $\pm$ 25%	100	0.060	2000
AWPZ2012M800-1A5 TF	80 $\pm$ 25%	100	0.080	1500
AWPZ2012M800-1A0 TF	80 $\pm$ 25%	100	0.100	1000
AWPZ2012M900-3A0 TF	90 $\pm$ 25%	100	0.045	3000
AWPZ2012M900-2A5 TF	90 $\pm$ 25%	100	0.050	2500
AWPZ2012M900-2A0 TF	90 $\pm$ 25%	100	0.060	2000
AWPZ2012M900-1A5 TF	90 $\pm$ 25%	100	0.070	1500
AWPZ2012M101-2A0 TF	100 $\pm$ 25%	100	0.060	2500
AWPZ2012M101-1A5 TF	100 $\pm$ 25%	100	0.060	1500
AWPZ2012M121-3A0 TF	120 $\pm$ 25%	100	0.040	3000
AWPZ2012M121-2A5 TF	120 $\pm$ 25%	100	0.048	2500
AWPZ2012M121-2A0 TF	120 $\pm$ 25%	100	0.055	2000
AWPZ2012M121-1A5 TF	120 $\pm$ 25%	100	0.060	1500
AWPZ2012M121-1A0 TF	120 $\pm$ 25%	100	0.075	1000
AWPZ2012M151-3A0 TF	150 $\pm$ 25%	100	0.045	3000
AWPZ2012M151-2A0 TF	150 $\pm$ 25%	100	0.060	2000
AWPZ2012M181-3A0 TF	180 $\pm$ 25%	100	0.045	3000
AWPZ2012M181-2A0 TF	180 $\pm$ 25%	100	0.070	2000
AWPZ2012M181-1A0 TF	180 $\pm$ 25%	100	0.120	1000
AWPZ2012M201-2A0 TF	200 $\pm$ 25%	100	0.060	2000
AWPZ2012M201-1A5 TF	200 $\pm$ 25%	100	0.100	1500
AWPZ2012M221-3A0 TF	220 $\pm$ 25%	100	0.045	3000
AWPZ2012M221-2A0 TF	220 $\pm$ 25%	100	0.060	2000
AWPZ2012M221-1A5 TF	220 $\pm$ 25%	100	0.080	1500
AWPZ2012M301-3A0 TF	300 $\pm$ 25%	100	0.040	3000
AWPZ2012M301-2A0 TF	300 $\pm$ 25%	100	0.060	2000
AWPZ2012M301-1A5 TF	300 $\pm$ 25%	100	0.100	1500
AWPZ2012M301-1A0 TF	300 $\pm$ 25%	100	0.120	1000

Specifications AWPZ 2012 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ2012M331-1A0 TF	330 $\pm$ 25%	100	0.120	1000
AWPZ2012M401-1A0 TF	400 $\pm$ 25%	100	0.150	1000
AWPZ2012M421-2A5 TF	420 $\pm$ 25%	100	0.100	2500
AWPZ2012M421-1A5 TF	420 $\pm$ 25%	100	0.150	1500
AWPZ2012M471-3A0 TF	470 $\pm$ 25%	100	0.100	3000
AWPZ2012M471-2A5 TF	470 $\pm$ 25%	100	0.070	2500
AWPZ2012M471-2A0 TF	470 $\pm$ 25%	100	0.090	2000
AWPZ2012M471-1A5 TF	470 $\pm$ 25%	100	0.160	1500
AWPZ2012M501-1A0 TF	500 $\pm$ 25%	100	0.150	1000
AWPZ2012M601-3A0 TF	600 $\pm$ 25%	100	0.070	3000
AWPZ2012M601-2A5 TF	600 $\pm$ 25%	100	0.070	2500
AWPZ2012M601-2A0 TF	600 $\pm$ 25%	100	0.090	2000
AWPZ2012M601-1A5 TF	600 $\pm$ 25%	100	0.100	1500
AWPZ2012M601-1A0 TF	600 $\pm$ 25%	100	0.180	1000
AWPZ2012M102-1A0 TF	1000 $\pm$ 25%	100	0.220	1000

Specifications AWPZ 3216 TYPES

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ3216M000-6A0 TF	0~10	100	0.010	6000
AWPZ3216M110-6A0 TF	11 $\pm$ 25%	100	0.010	6000
AWPZ3216M110-2A0 TF	11 $\pm$ 25%	100	0.050	2000
AWPZ3216M190-6A0 TF	19 $\pm$ 25%	100	0.010	6000
AWPZ3216M190-4A0 TF	19 $\pm$ 25%	100	0.015	4000
AWPZ3216M260-6A0 TF	26 $\pm$ 25%	100	0.010	6000
AWPZ3216M260-4A0 TF	26 $\pm$ 25%	100	0.015	4000
AWPZ3216M260-3A0 TF	26 $\pm$ 25%	100	0.020	3000
AWPZ3216M300-4A0 TF	30 $\pm$ 25%	100	0.015	4000
AWPZ3216M300-3A0 TF	30 $\pm$ 25%	100	0.020	3000
AWPZ3216M310-6A0 TF	31 $\pm$ 25%	100	0.010	6000
AWPZ3216M310-2A0 TF	31 $\pm$ 25%	100	0.065	2000
AWPZ3216M390-6A0 TF	39 $\pm$ 25%	100	0.010	6000
AWPZ3216M400-6A0 TF	40 $\pm$ 25%	100	0.010	6000

Specifications AWPZ 3216 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ3216M400-3A0 TF	40 $\pm$ 25%	100	0.030	3000
AWPZ3216M400-2A5 TF	40 $\pm$ 25%	100	0.040	2500
AWPZ3216M500-6A0 TF	50 $\pm$ 25%	100	0.012	6000
AWPZ3216M500-4A0 TF	50 $\pm$ 25%	100	0.020	4000
AWPZ3216M600-6A0 TF	60 $\pm$ 25%	100	0.012	6000
AWPZ3216M600-4A0 TF	60 $\pm$ 25%	100	0.020	4000
AWPZ3216M600-3A0 TF	60 $\pm$ 25%	100	0.040	3000
AWPZ3216M600-2A0 TF	60 $\pm$ 25%	100	0.070	2000
AWPZ3216M700-3A0 TF	70 $\pm$ 25%	100	0.040	3000
AWPZ3216M800-6A0 TF	80 $\pm$ 25%	100	0.020	6000
AWPZ3216M800-4A0 TF	80 $\pm$ 25%	100	0.030	4000
AWPZ3216M800-3A0 TF	80 $\pm$ 25%	100	0.055	3000
AWPZ3216M800-2A5 TF	80 $\pm$ 25%	100	0.065	2500
AWPZ3216M800-2A0 TF	80 $\pm$ 25%	100	0.070	2000
AWPZ3216M900-3A0 TF	90 $\pm$ 25%	100	0.050	3000
AWPZ3216M900-2A5 TF	90 $\pm$ 25%	100	0.070	2500
AWPZ3216M101-3A0 TF	100 $\pm$ 25%	100	0.040	3000
AWPZ3216M101-2A5 TF	100 $\pm$ 25%	100	0.045	2500
AWPZ3216M121-4A0 TF	120 $\pm$ 25%	100	0.030	4000
AWPZ3216M121-3A0 TF	120 $\pm$ 25%	100	0.045	3000
AWPZ3216M121-2A0 TF	120 $\pm$ 25%	100	0.080	2000
AWPZ3216M121-1A5 TF	120 $\pm$ 25%	100	0.090	1500
AWPZ3216M151-3A0 TF	150 $\pm$ 25%	100	0.040	3000
AWPZ3216M181-3A0 TF	180 $\pm$ 25%	100	0.040	3000
AWPZ3216M181-2A0 TF	180 $\pm$ 25%	100	0.080	2000
AWPZ3216M201-3A0 TF	200 $\pm$ 25%	100	0.040	3000
AWPZ3216M221-4A0 TF	220 $\pm$ 25%	100	0.030	4000
AWPZ3216M221-3A0 TF	220 $\pm$ 25%	100	0.050	3000
AWPZ3216M221-2A5 TF	220 $\pm$ 25%	100	0.060	2500
AWPZ3216M221-2A0 TF	220 $\pm$ 25%	100	0.075	2000
AWPZ3216M221-1A5 TF	220 $\pm$ 25%	100	0.110	1500
AWPZ3216M301-2A0 TF	300 $\pm$ 25%	100	0.100	2000
AWPZ3216M301-1A5 TF	300 $\pm$ 25%	100	0.120	1500
AWPZ3216M401-1A5 TF	400 $\pm$ 25%	100	0.150	1500
AWPZ3216M421-1A5 TF	420 $\pm$ 25%	100	0.150	1500
AWPZ3216M471-3A0 TF	470 $\pm$ 25%	100	0.075	3000

Specifications AWPZ 3216 TYPE

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ3216M471-2A5 TF	470 $\pm$ 25%	100	0.090	2500
AWPZ3216M501-2A0 TF	500 $\pm$ 25%	100	0.100	2000
AWPZ3216M501-1A5 TF	500 $\pm$ 25%	100	0.150	1500
AWPZ3216M501-1A0 TF	500 $\pm$ 25%	100	0.200	1000
AWPZ3216M601-3A0 TF	600 $\pm$ 25%	100	0.070	3000
AWPZ3216M601-2A5 TF	600 $\pm$ 25%	100	0.085	2500
AWPZ3216M601-1A0 TF	600 $\pm$ 25%	100	0.200	1000
AWPZ3216M751-1A0 TF	750 $\pm$ 25%	100	0.200	1000
AWPZ3216M102-2A5TF	1000 $\pm$ 25%	100	0.085	2500
AWPZ3216M102-2A0TF	1000 $\pm$ 25%	100	0.105	2000
AWPZ3216M102-1A5TF	1000 $\pm$ 25%	100	0.115	1500
AWPZ3216M102-A50 TF	1000 $\pm$ 25%	100	0.300	500

Specifications AWPZ 3225 TYPES

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ3225M310-5A0TF	31 $\pm$ 25%	100	0.030	5000
AWPZ3225M600-5A0TF	60 $\pm$ 25%	100	0.030	5000
AWPZ3225M800-5A0TF	80 $\pm$ 25%	100	0.030	5000
AWPZ3225M121-4A0TF	120 $\pm$ 25%	100	0.060	4000
AWPZ3225M221-3A0TF	220 $\pm$ 25%	100	0.080	3000
AWPZ3225M301-3A0TF	300 $\pm$ 25%	100	0.080	3000
AWPZ3225M601-2A0TF	600 $\pm$ 25%	100	0.180	2000
AWPZ3225M801-2A0TF	800 $\pm$ 25%	100	0.230	2000
AWPZ3225M102-2A0TF	1000 $\pm$ 25%	100	0.280	2000

Specifications AWPZ 4516 TYPES

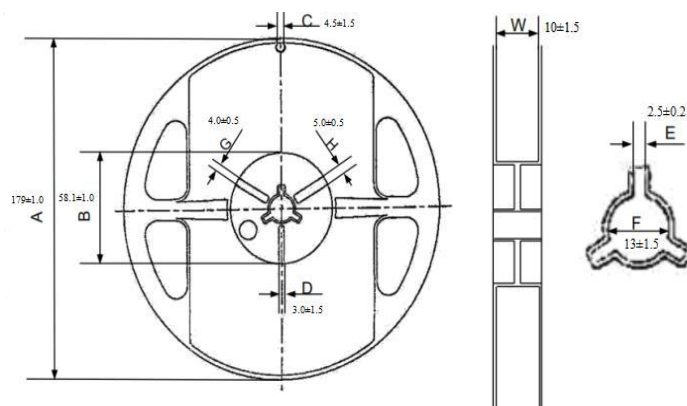
Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ4516M600-6A0 TF	60 $\pm$ 25%	100	0.010	6000
AWPZ4516M101-3A0 TF	100 $\pm$ 25%	100	0.040	3000

Specifications AWPZ 4532 TYPES

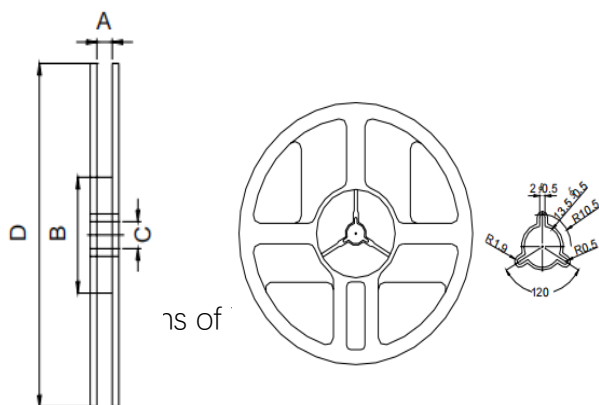
Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR MAX (Ω)	Rated Current MAX (mA)
AWPZ4532M700-6A0TF	$70 \pm 25\%$	100	0.010	6000
AWPZ4532M800-9A0TF	$80 \pm 25\%$	100	0.010	9000
AWPZ4532M101-8A0TF	$100 \pm 25\%$	100	0.010	8000
AWPZ4532M121-9A0TF	$120 \pm 25\%$	100	0.010	9000
AWPZ4532M121-3A0TF	$120 \pm 25\%$	100	0.040	3000
AWPZ4532M151-5A0TF	$150 \pm 25\%$	100	0.020	5000
AWPZ4532M601-3A0TF	$600 \pm 25\%$	100	0.040	3000
AWPZ4532M781-3A0TF	$780 \pm 25\%$	100	0.040	3000

Packaging Dimensions

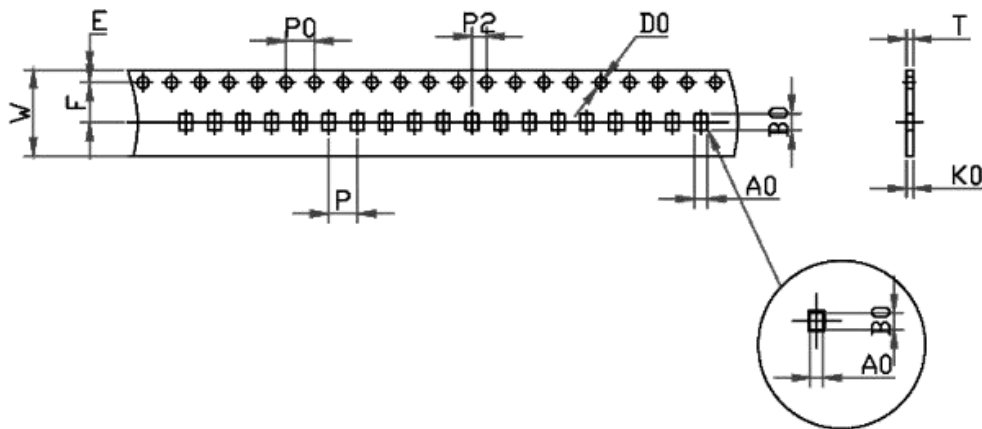
- Dimensions of Reel (mm):
- 7"x8mm



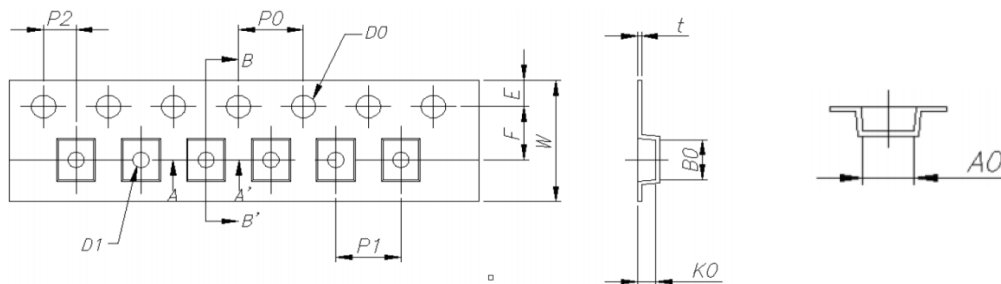
- 7"x12mm



	Size (mm)
A	13.5 ± 0.5
B	60.0 ± 2.0
C	13.5 ± 0.5
D	178 ± 2.0



P/N	W	A0	B0	K0	P	F	E	D0	P0	P2	T	PCS/REEL
AWPZ1005	8.0±0.3	0.63±0.05	1.12±0.05	0.75±0.03	2±0.05	3.5±0.1	1.75±0.1	1.5±0.1	4±0.1	2±0.1	0.75±0.05	10000
AWPZ1608	8.0±0.3	1.05±0.05	1.85±0.05	0.95±0.1	4±0.05	3.5±0.1	1.75±0.1	1.5±0.1	4±0.1	2±0.1	0.95±0.05	4000
AWPZ2012	8.0±0.3	1.5±0.03	2.3±0.03	0.95±0.1	4±0.05	3.5±0.1	1.75±0.1	1.5±0.1	4±0.1	2±0.1	0.95±0.05	4000
AWPZ3216	8.0±0.3	1.9±0.03	3.45±0.03	0.95±0.1	4±0.05	3.5±0.1	1.75±0.1	1.5±0.1	4±0.1	2±0.1	0.95±0.05	4000

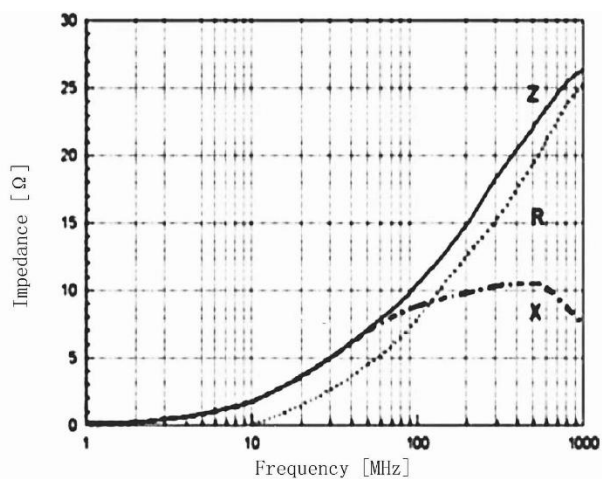


P/N	W	A0	B0	K0	E	F	D1	D0	P1	P0	P2	T	PCS/REEL
AWPZ3225	8.0±0.3	2.77±0.10	3.42±0.10	1.55±0.10	1.75±0.1	3.5±0.1	1.0±0.1	1.5±0.1	4±0.1	4±0.1	2.0±0.05	0.23±0.1	3000
AWPZ4516	12±0.3	1.75±0.10	4.95±0.10	1.75±0.10	1.75±0.1	5.5±0.1	1.5±0.1	1.5±0.1	4±0.1	4±0.1	2.0±0.05	0.24±0.1	2000
AWPZ4532	12±0.3	3.66±0.10	4.95±0.10	1.85±0.10	1.75±0.1	5.5±0.1	1.5±0.1	1.5±0.1	8±0.1	4±0.1	2.0±0.05	0.24±0.1	1000

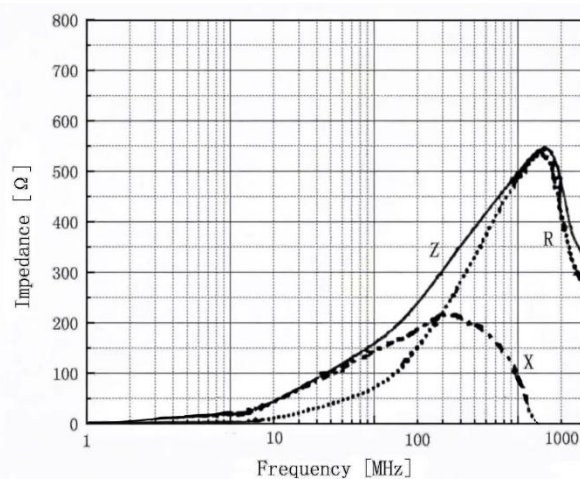
Impedance Frequency Characteristics (Typical)

AWPZ 1005 TYPE

AWPZ 1005M000

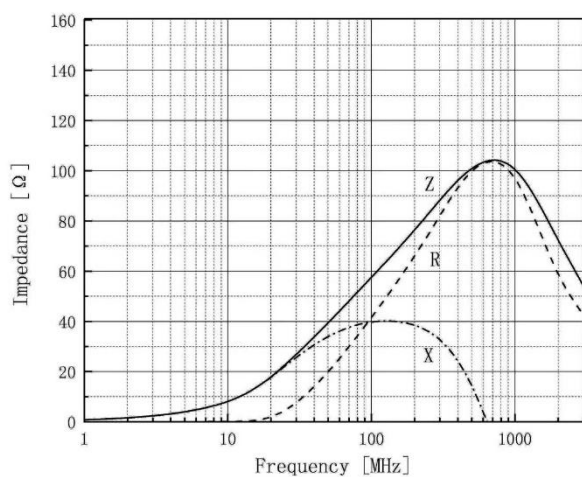


AWPZ 1005M221

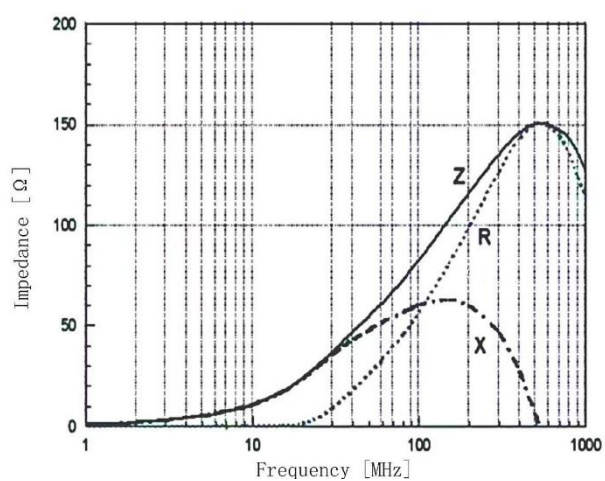


AWPZ 1608 TYPE

AWPZ 1608M600

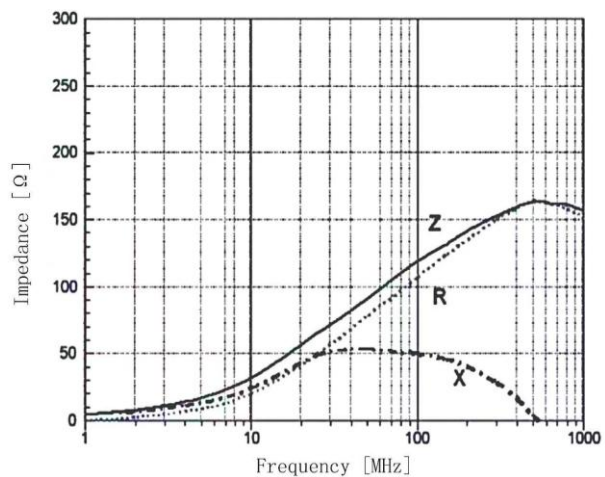


AWPZ 1608M800

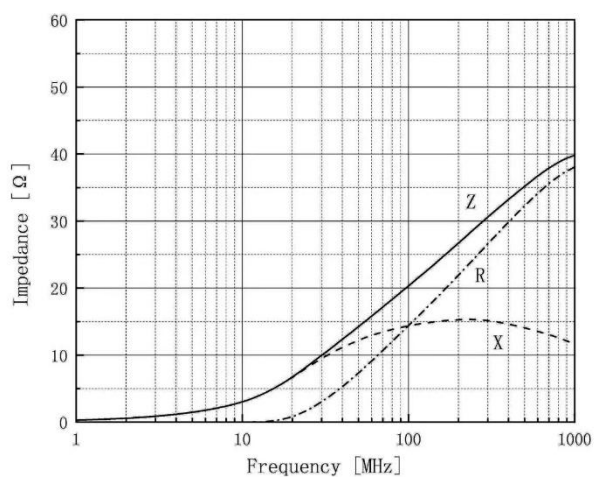


AWPZ 1608 TYPE

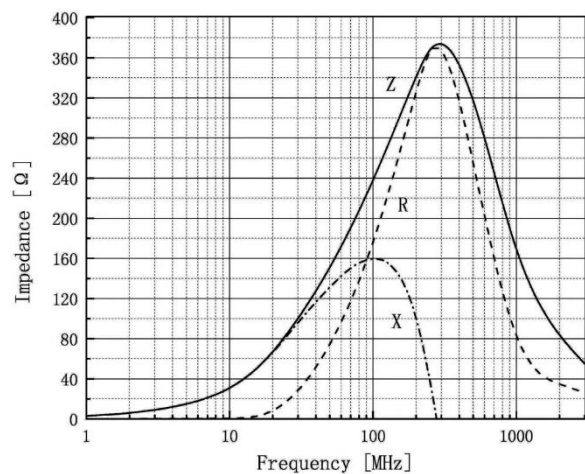
AWPZ 1608M121



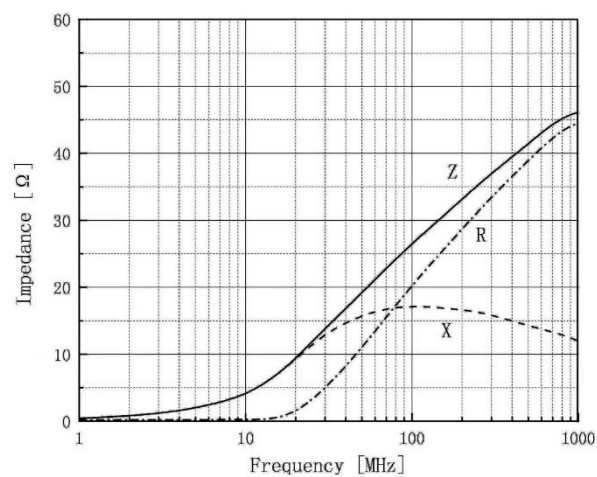
AWPZ 1608M190



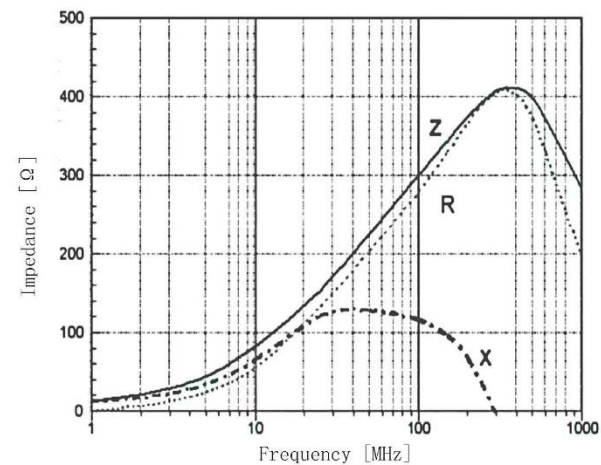
AWPZ 1608M221



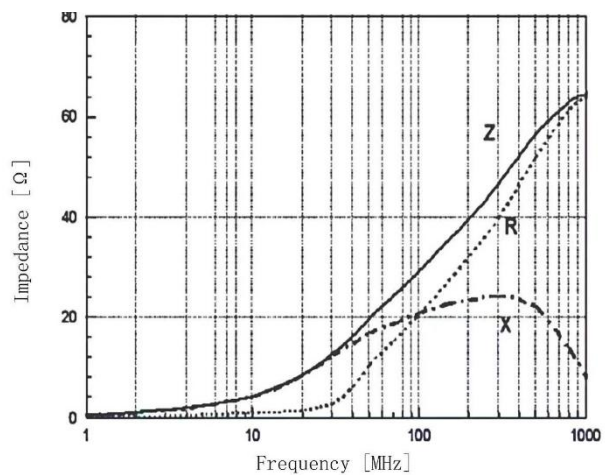
AWPZ 1608M260



AWPZ 1608M301

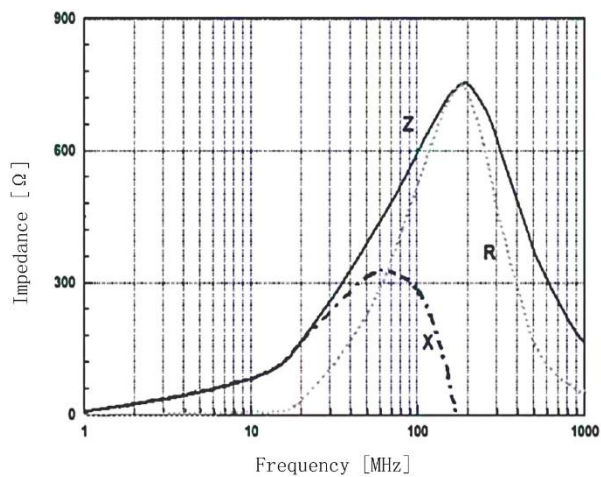


AWPZ 1608M310



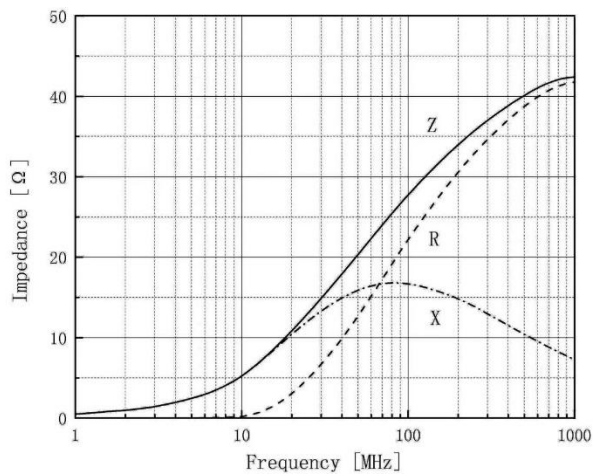
AWPZ 1608 TYPE

AWPZ 1608M601

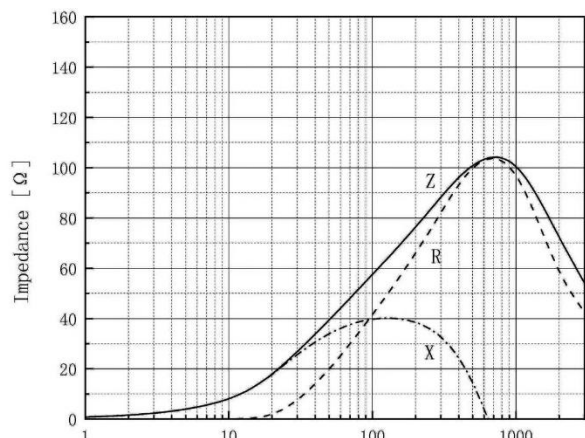


AWPZ 2012 TYPE

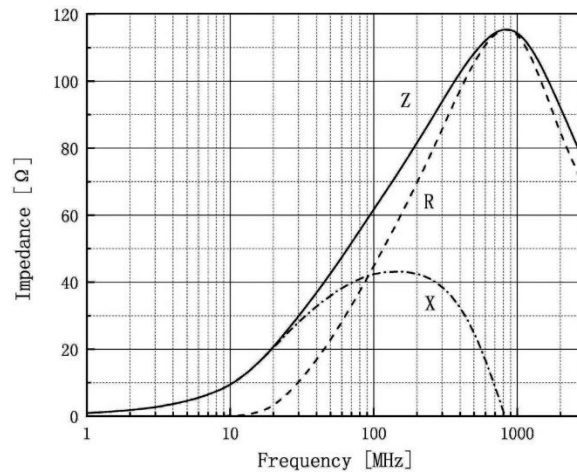
AWPZ 2012M300



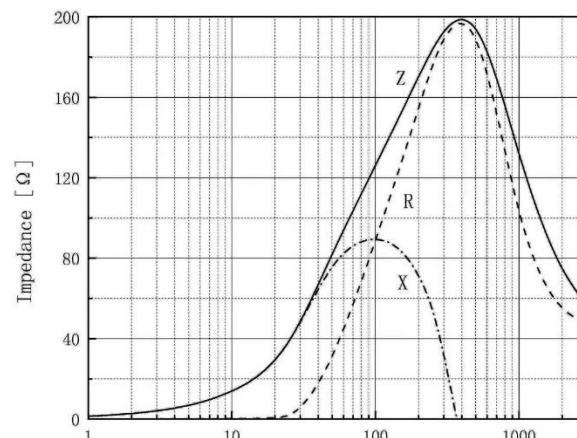
AWPZ 2012M800



AWPZ 2012M600

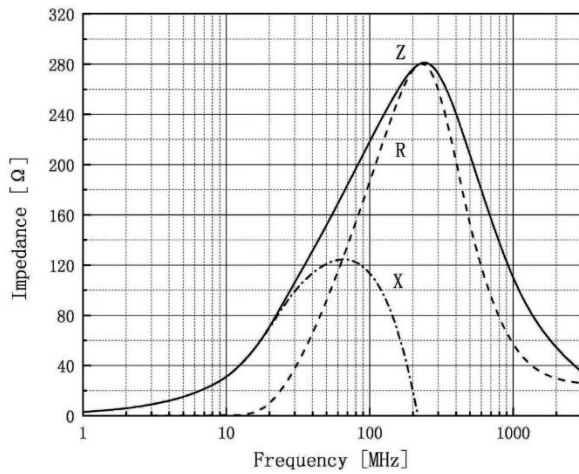


AWPZ 2012M121

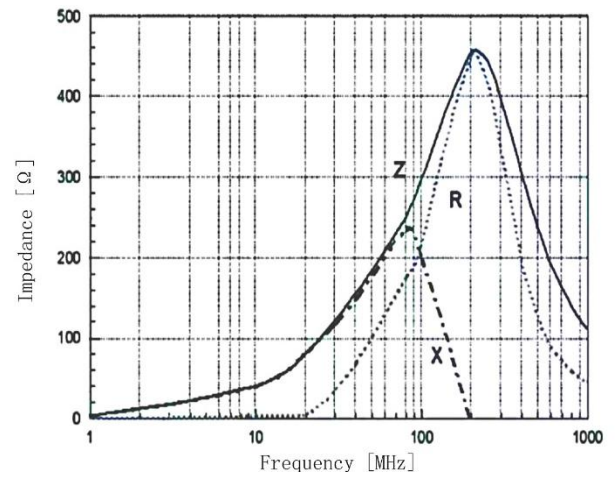


AWPZ 2012 TYP

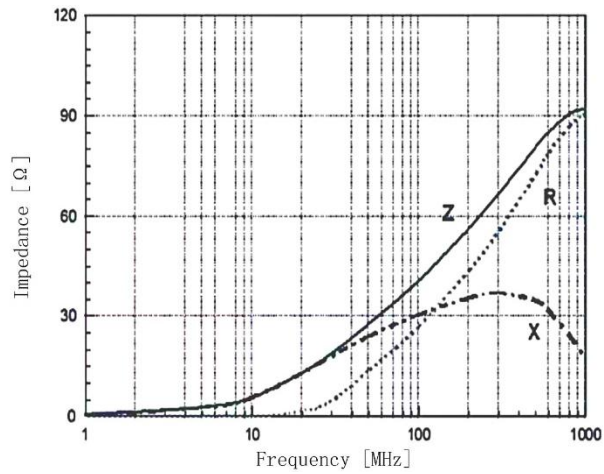
AWPZ 2012M221



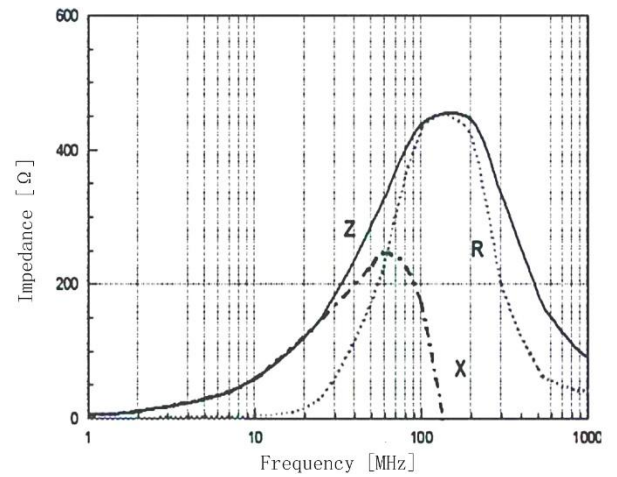
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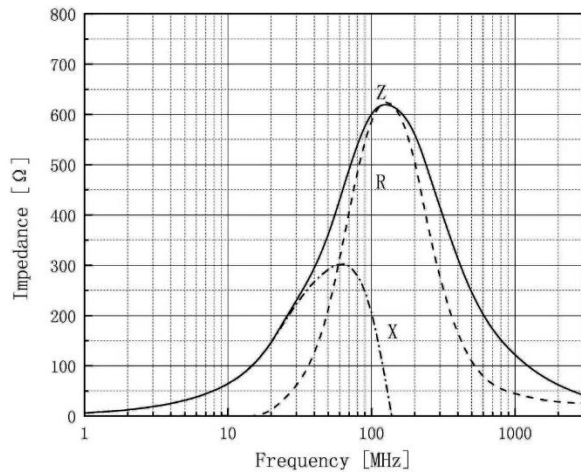
AWPZ 2012M310



AWPZ 2012M221

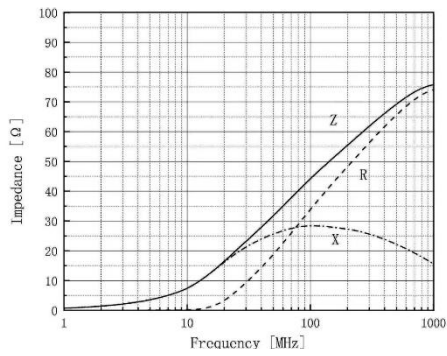


AWPZ 2012M601

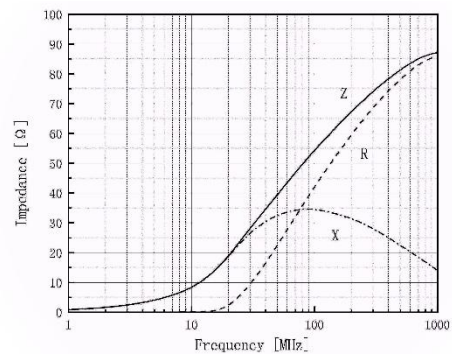


AWPZ 3216 TYPE

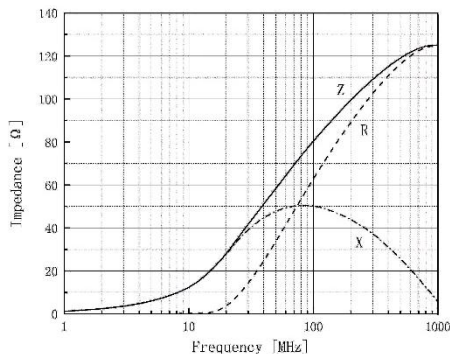
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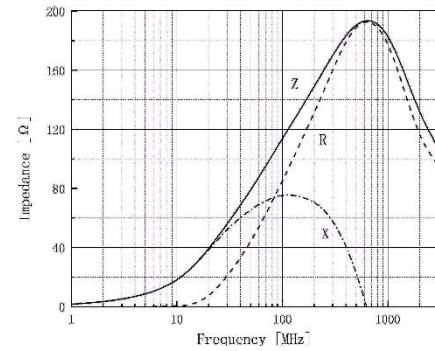
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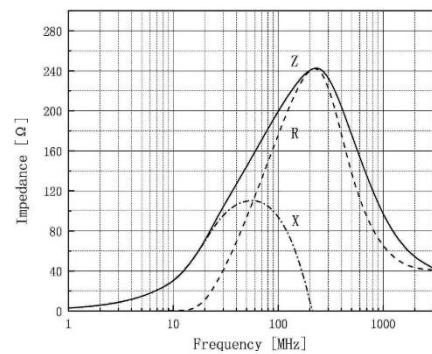
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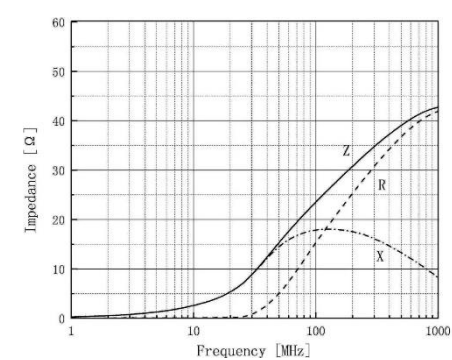
AWPZ 3216M121



AWPZ 3216M221



AWPZ 3216M260



AWPZ 3216M601

