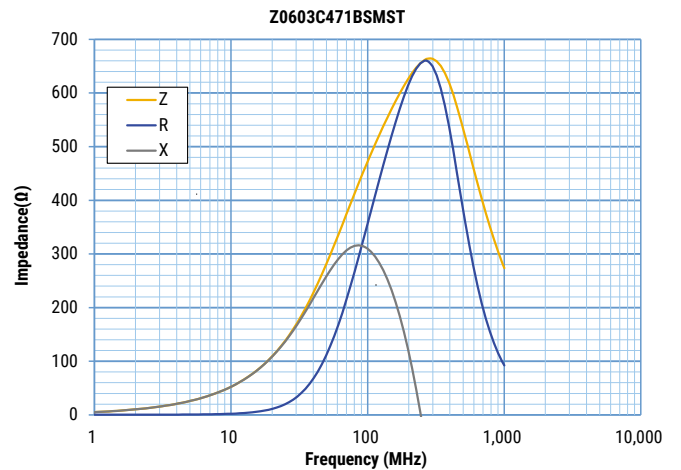
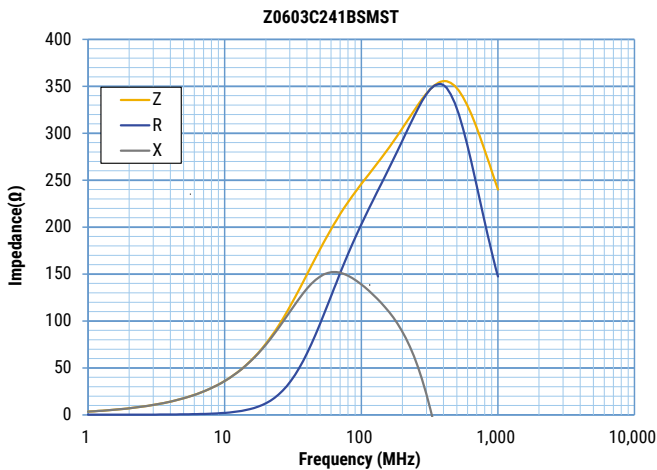
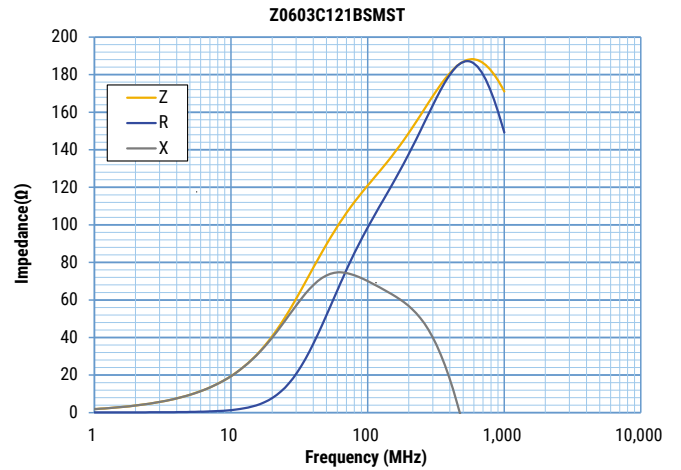
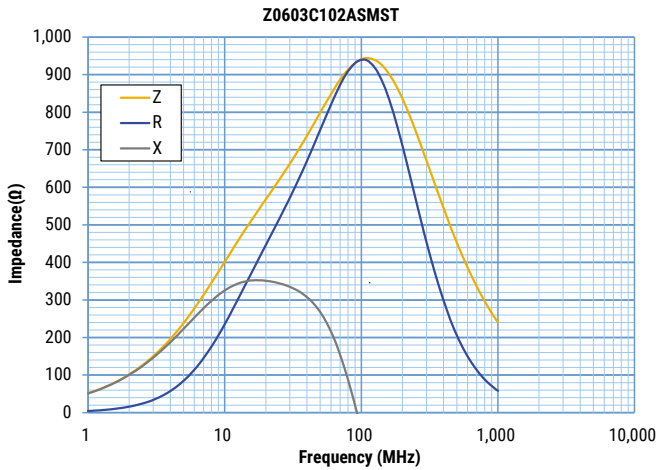
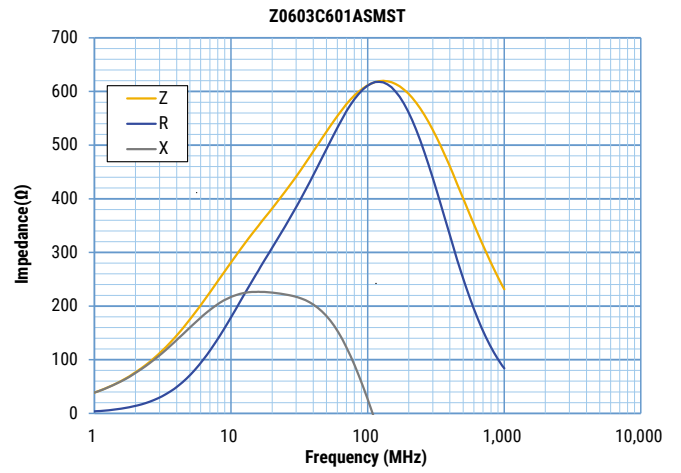
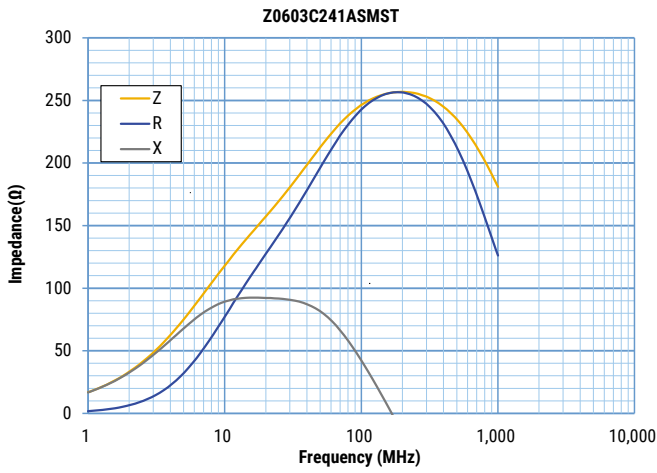
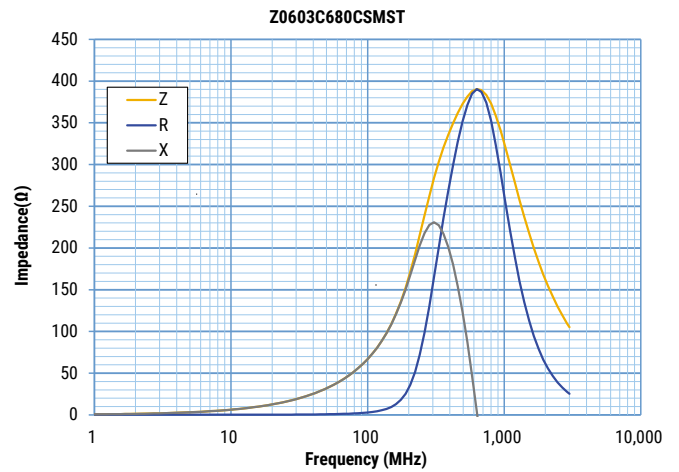
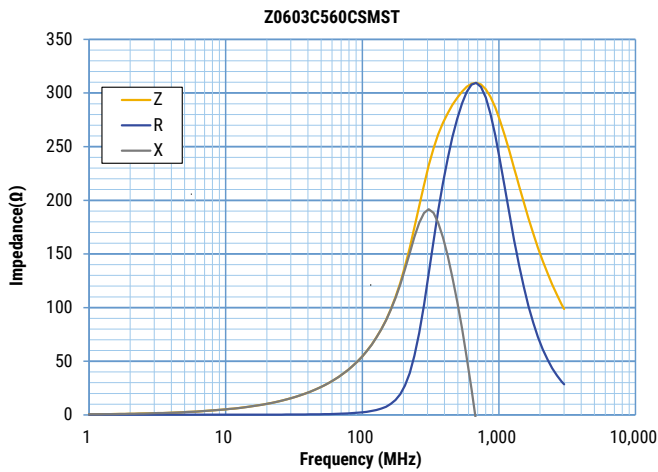
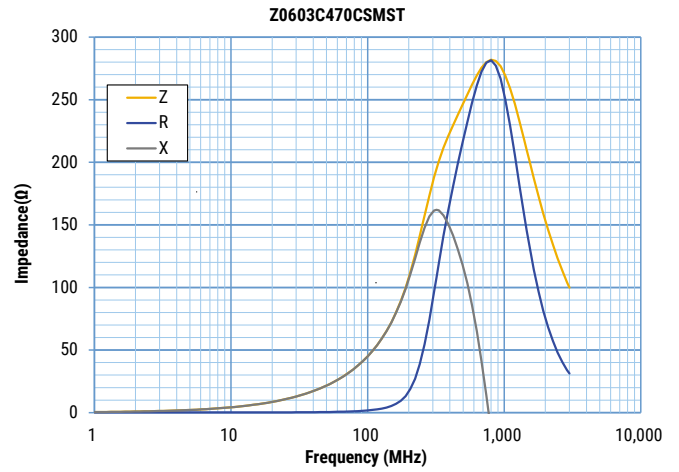
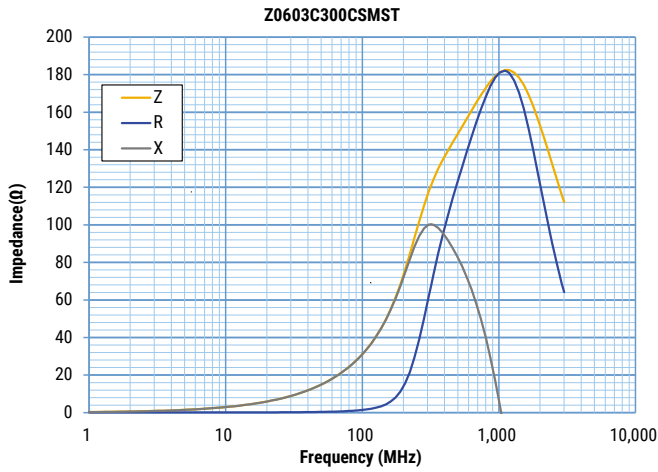
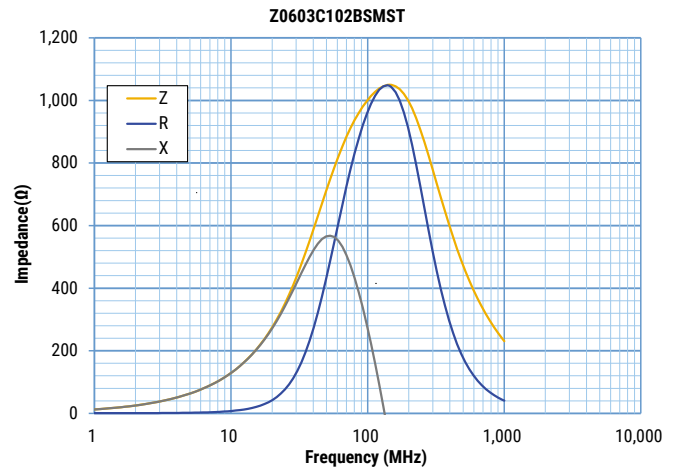
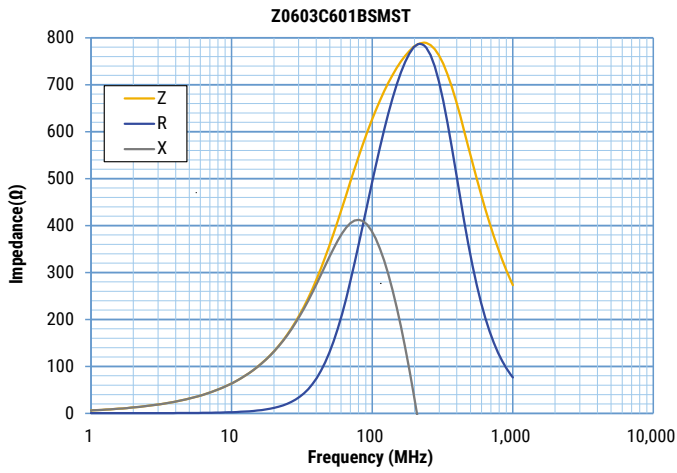


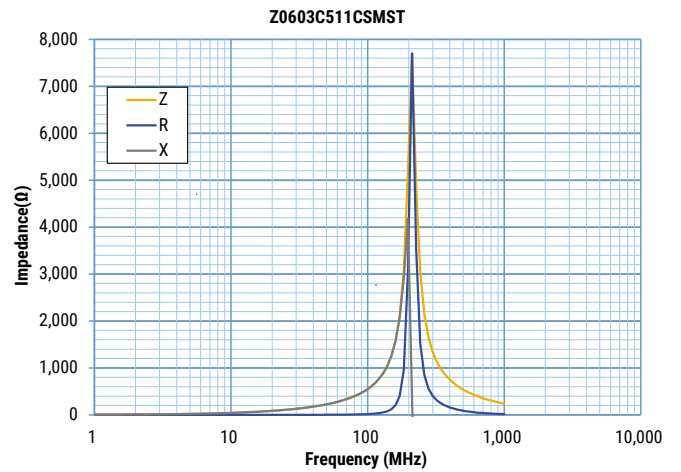
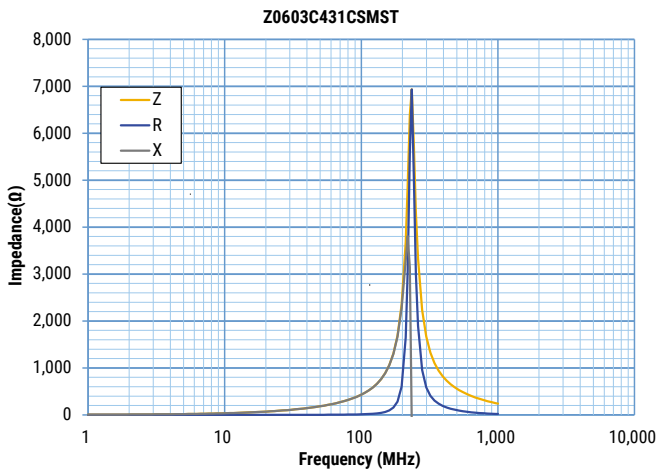
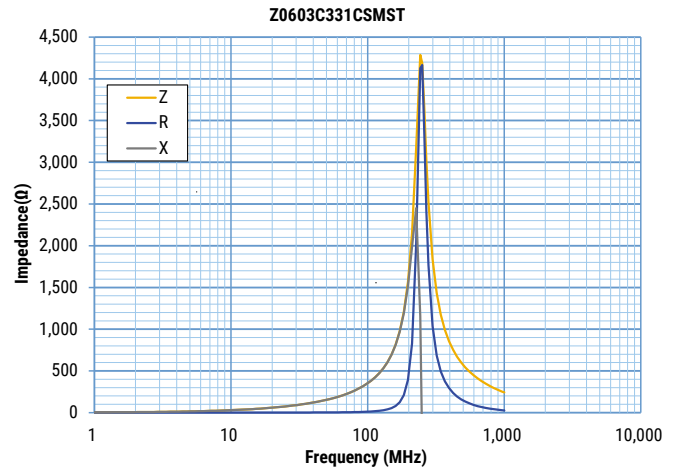
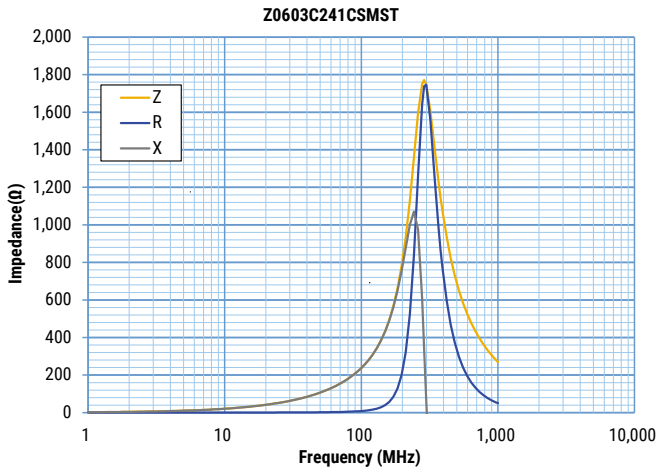
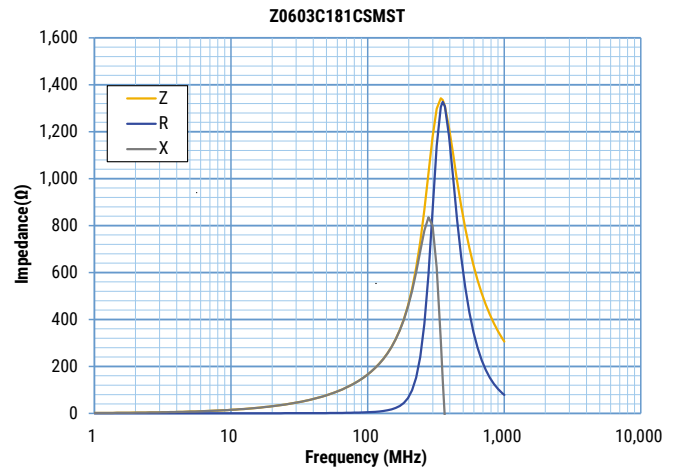
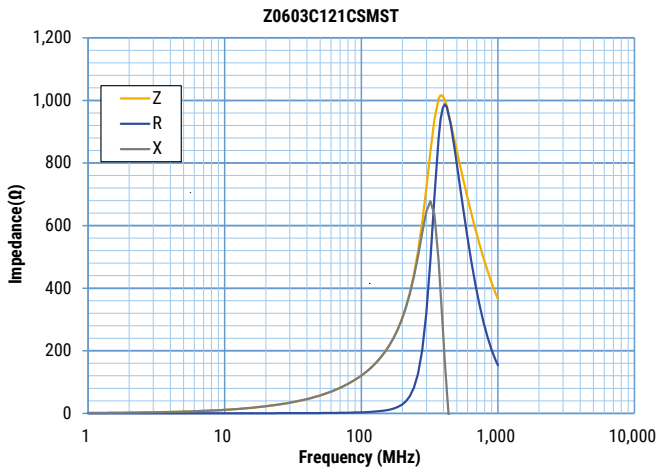
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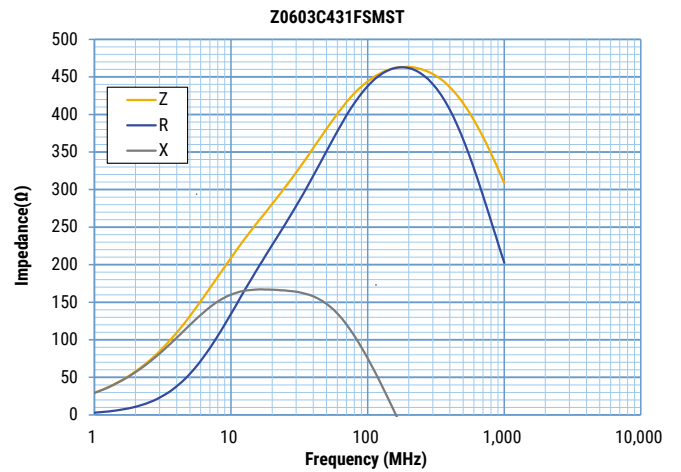
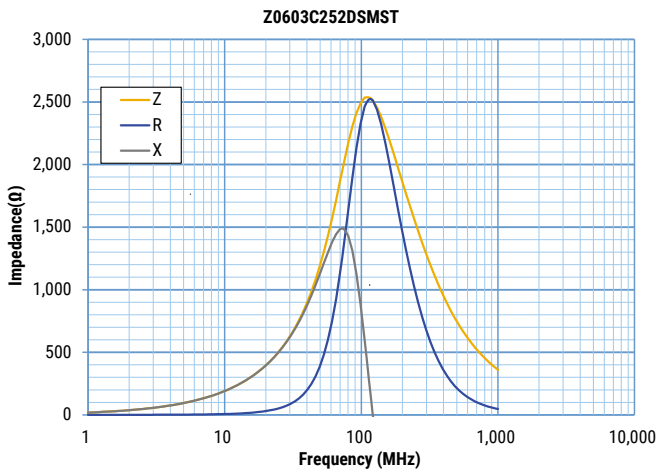
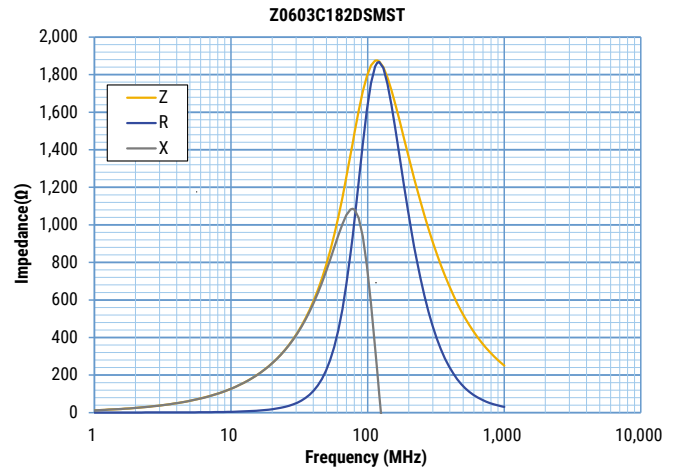
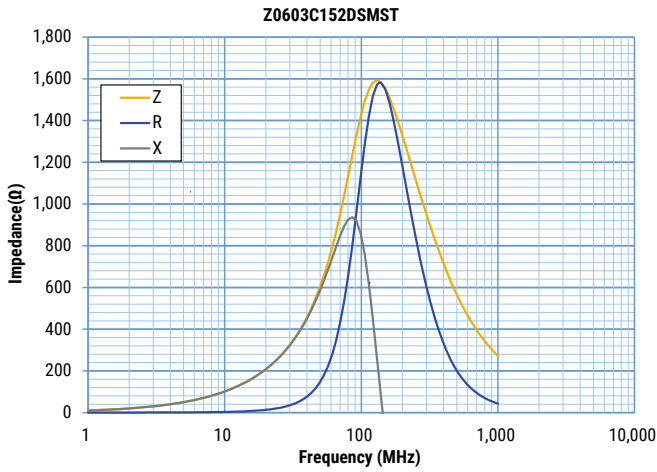
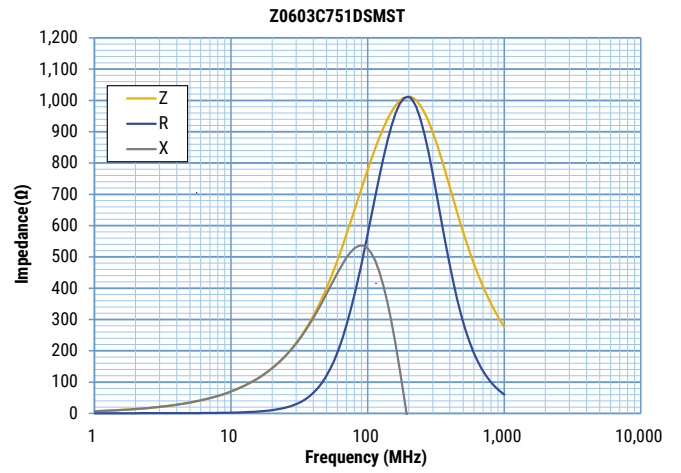
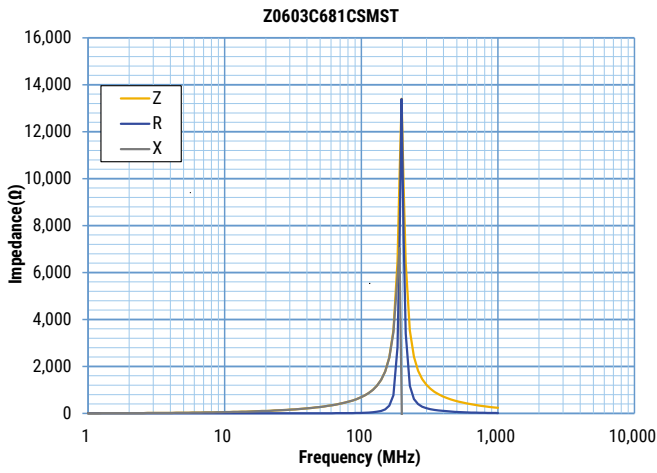
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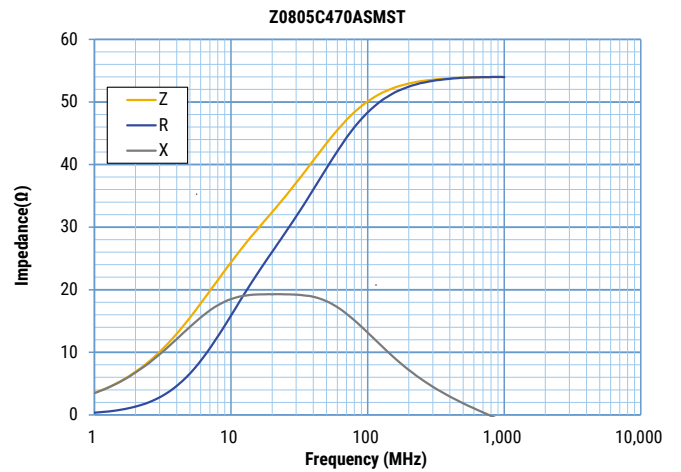
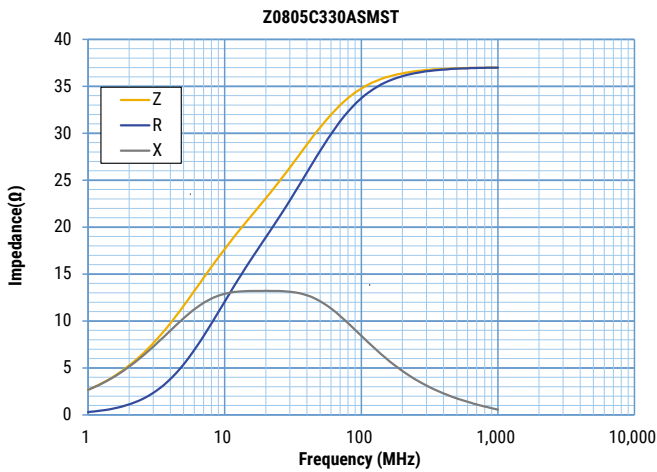
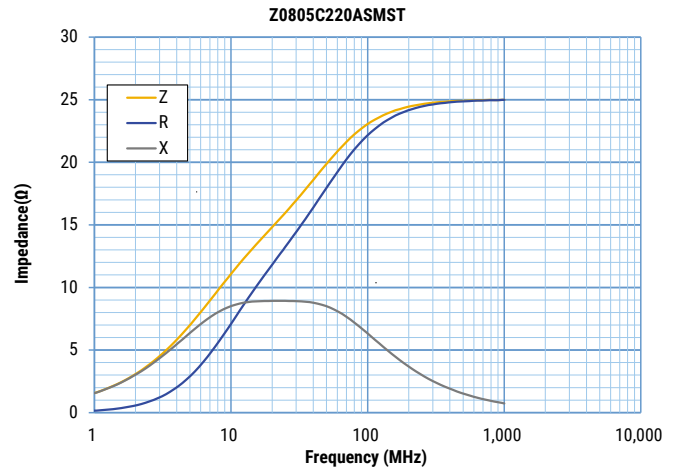
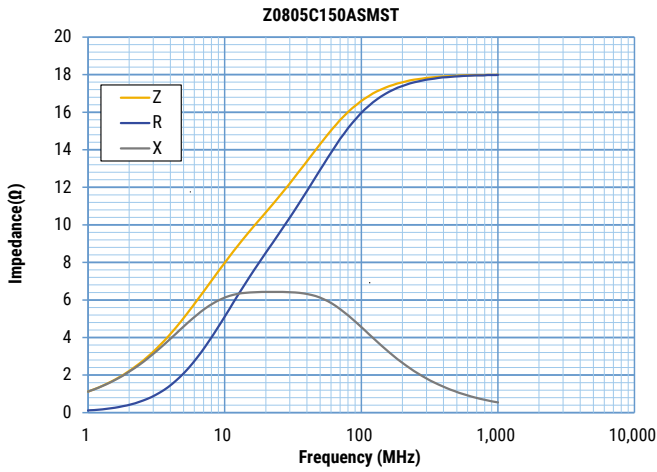
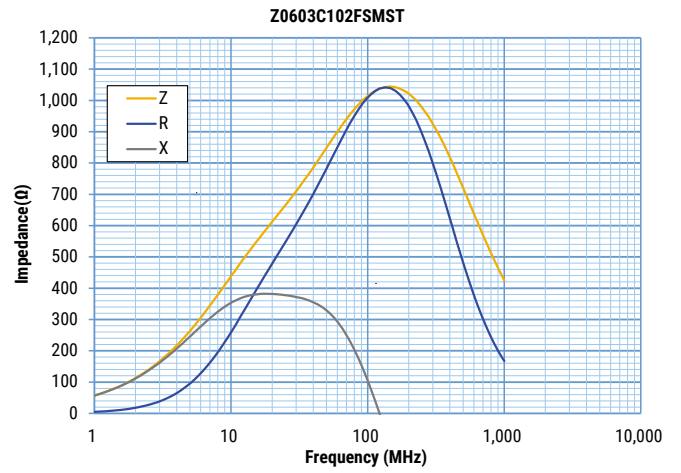
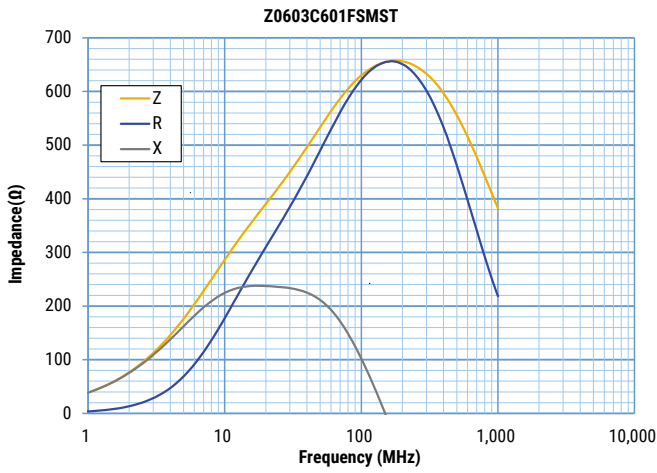
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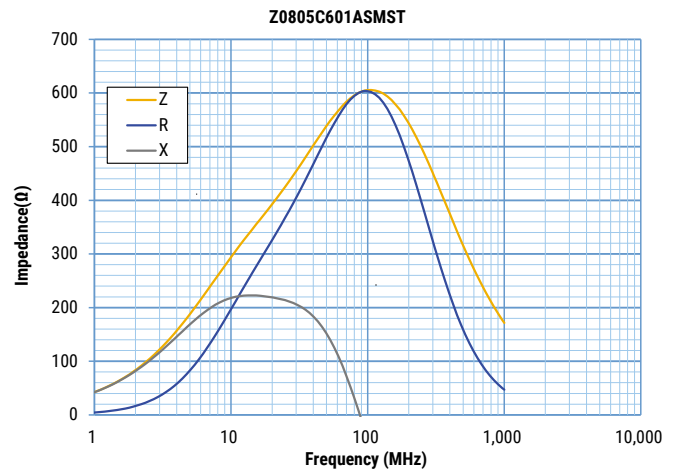
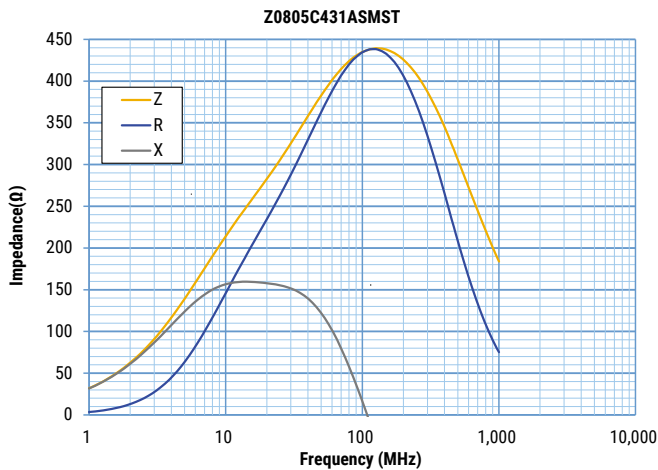
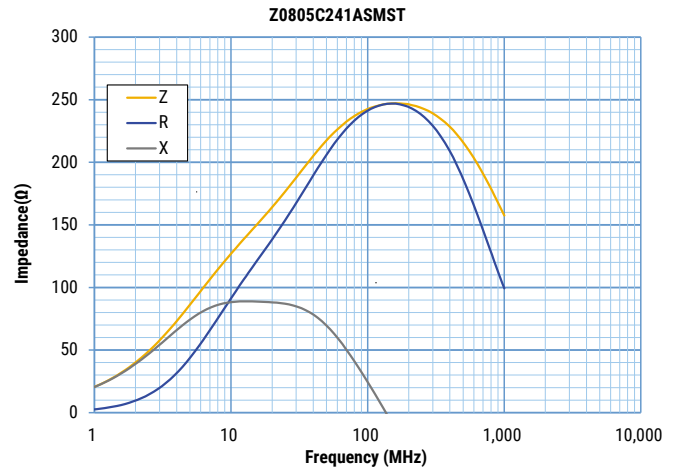
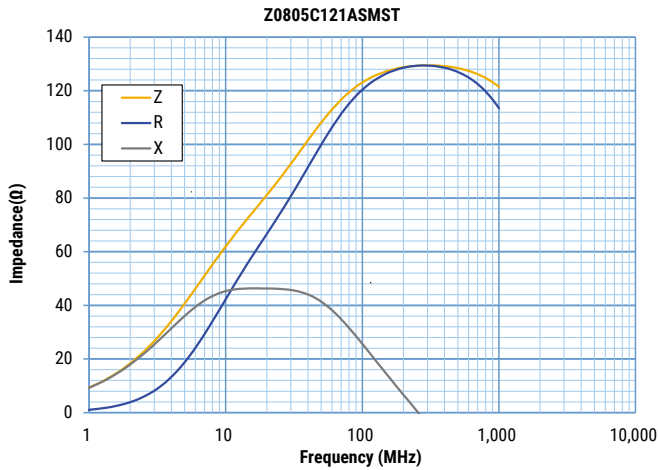
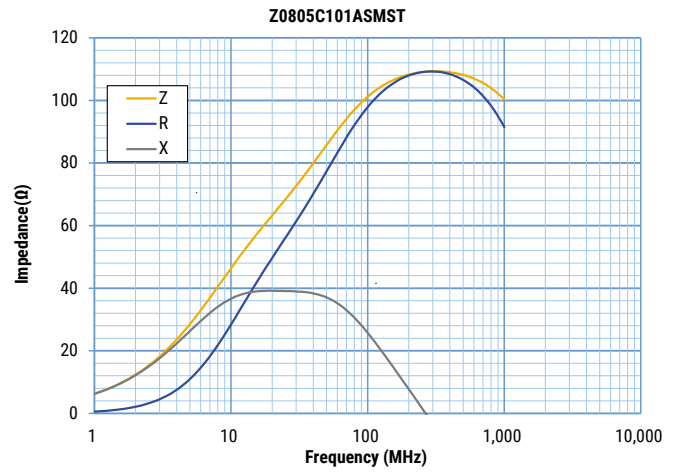
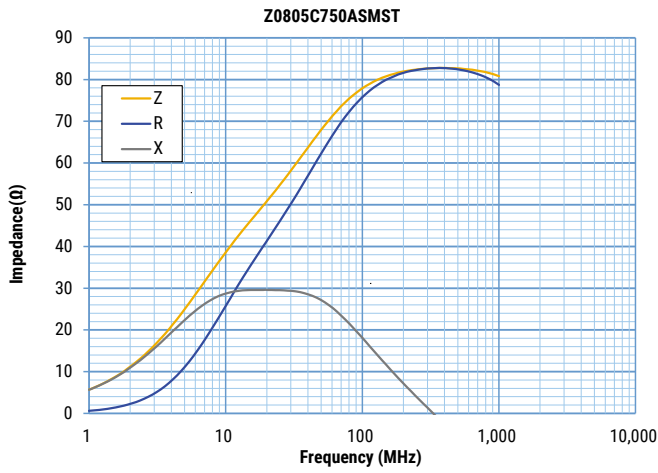
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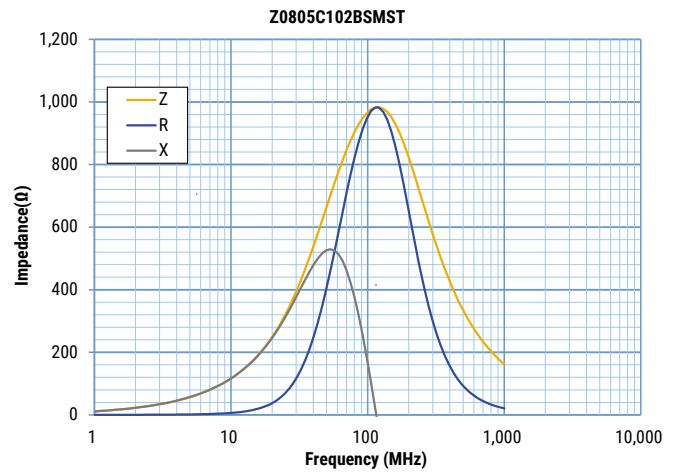
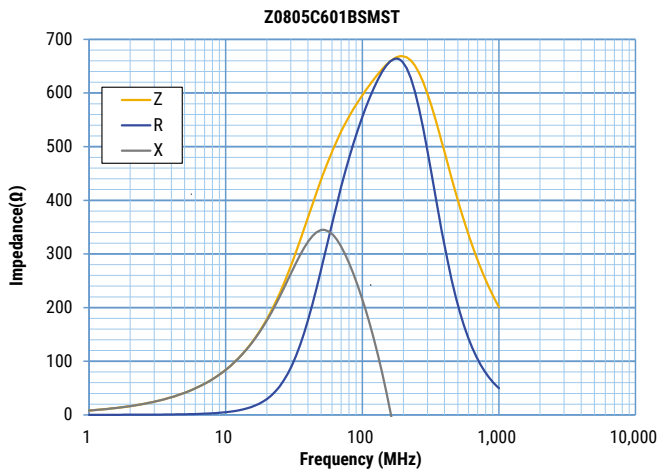
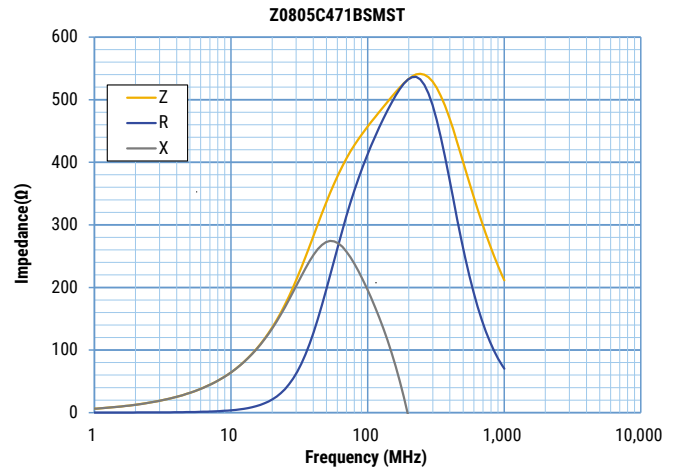
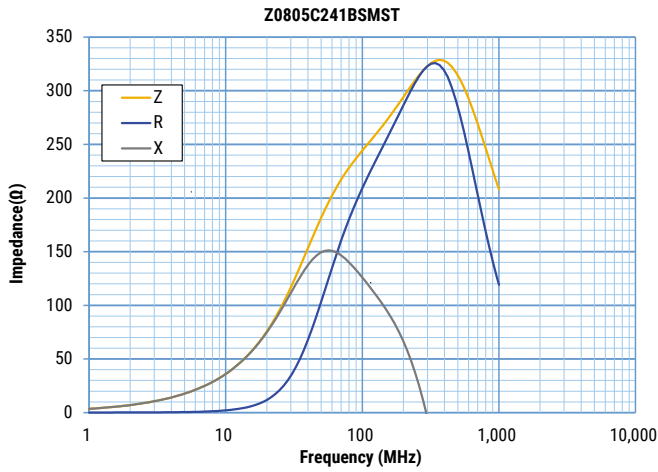
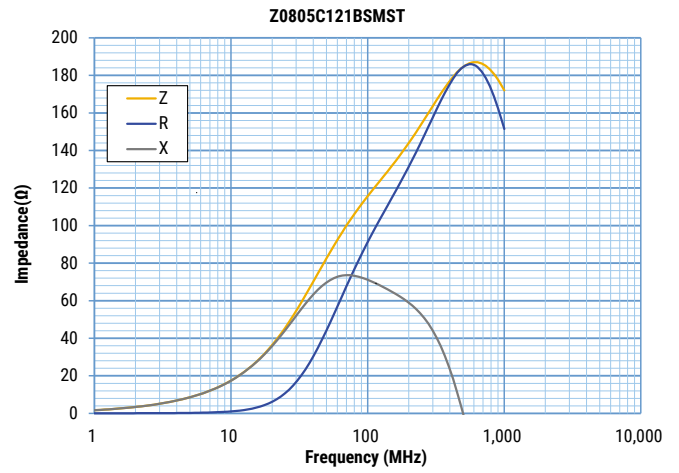
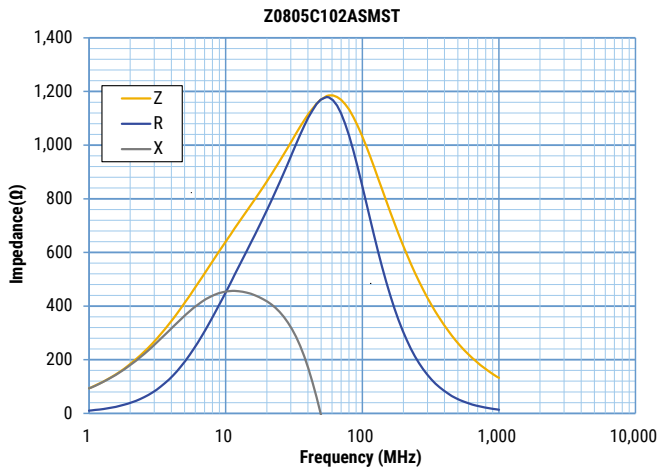
Frequency Characteristics cont.



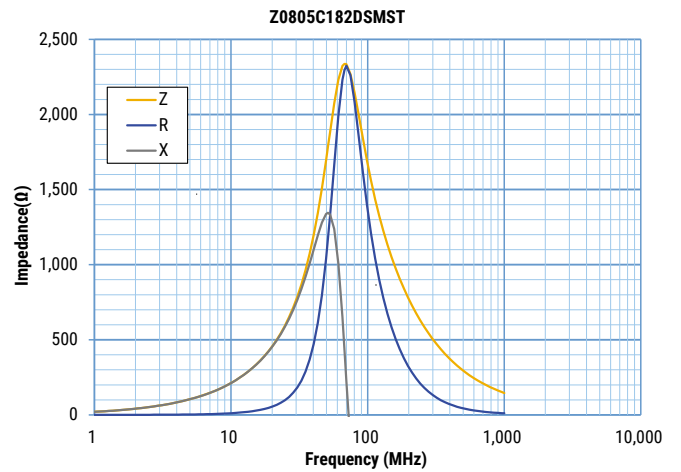
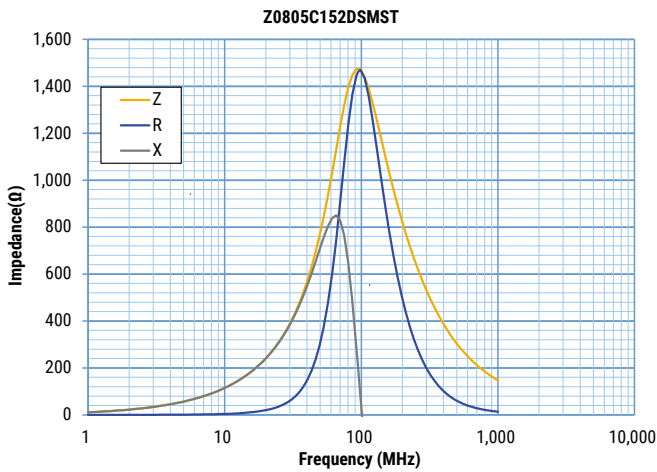
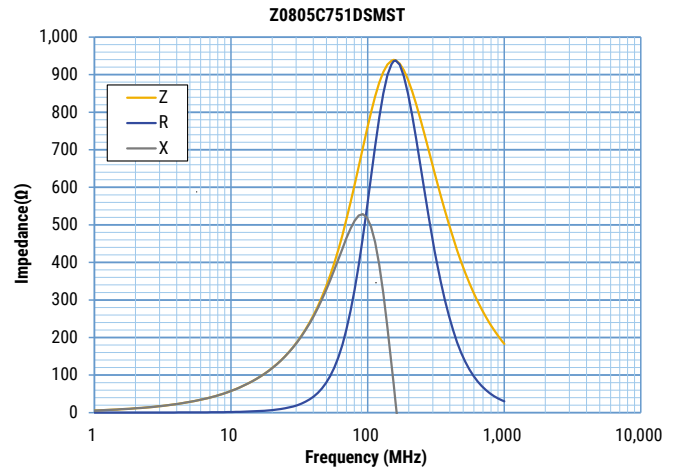
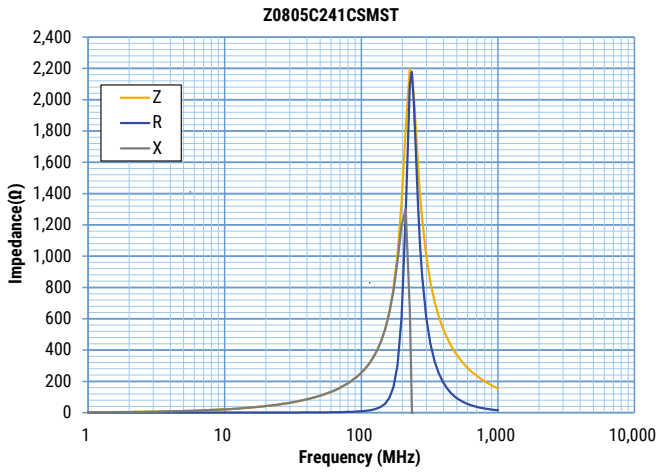
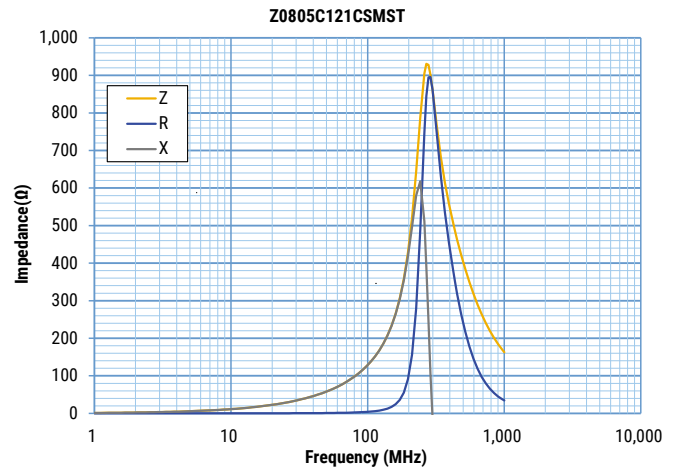
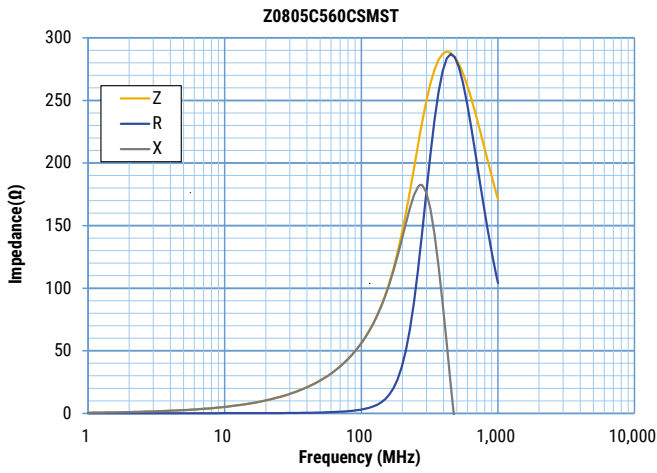
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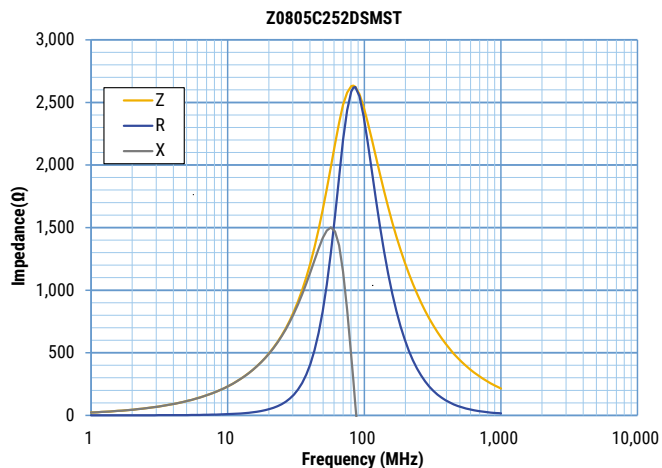
Frequency Characteristics cont.



Frequency Characteristics cont.

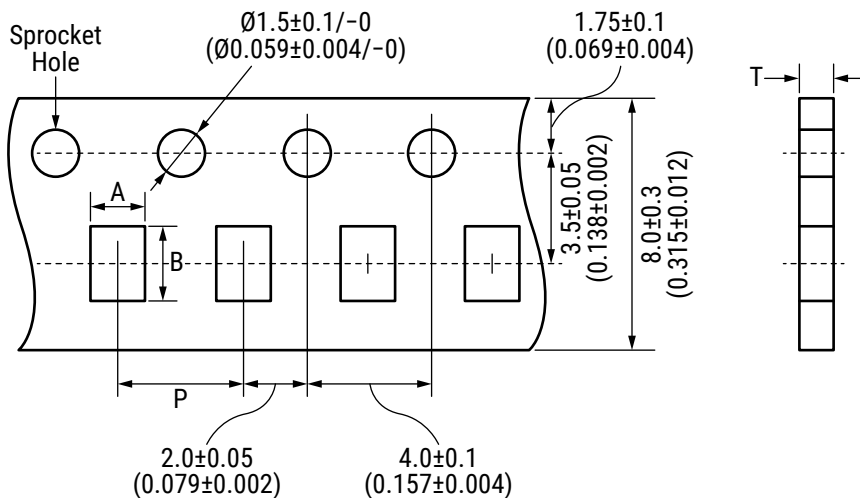


Frequency Characteristics cont.



Taping Specifications - Millimeters (Inches)

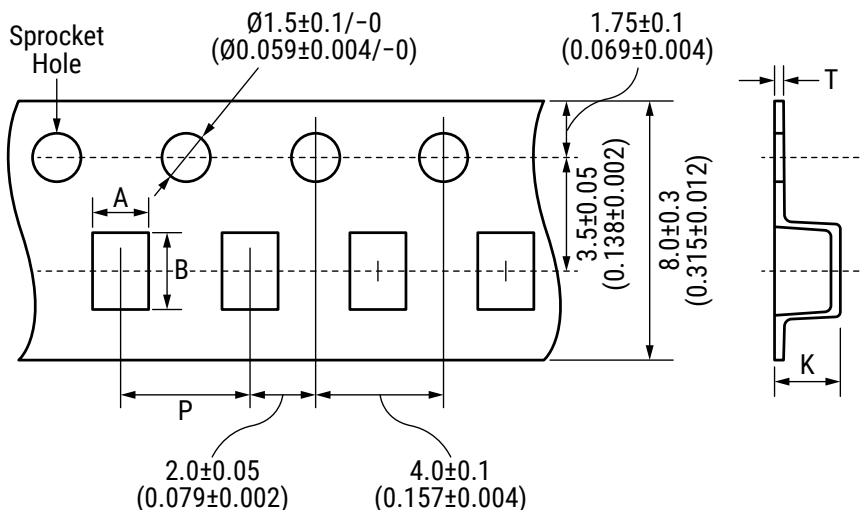
Paper Tape 8mm Width



EIA Case Size	Metric Case Size	Height	Reel Quantity		Cavity		Pitch	Thickness
					A	B	P	T
0201	0603	0.30	15,000	Nominal	0.4	0.7	2.0	0.45
				Tolerance	±0.06	±0.06	±0.05	Maximum
0402	1005	0.50	10,000	Nominal	0.65	1.15	2.0	0.8
				Tolerance	±0.1	±0.1	±0.05	Maximum
0603	1608	0.80	4,000	Nominal	1.0	1.8	4.0	1.1
				Tolerance	±0.2	±0.2	±0.1	Maximum
0805	2012	0.85	4,000	Nominal	1.5	2.3	4.0	1.1
				Tolerance	±0.2	±0.2	±0.1	Maximum

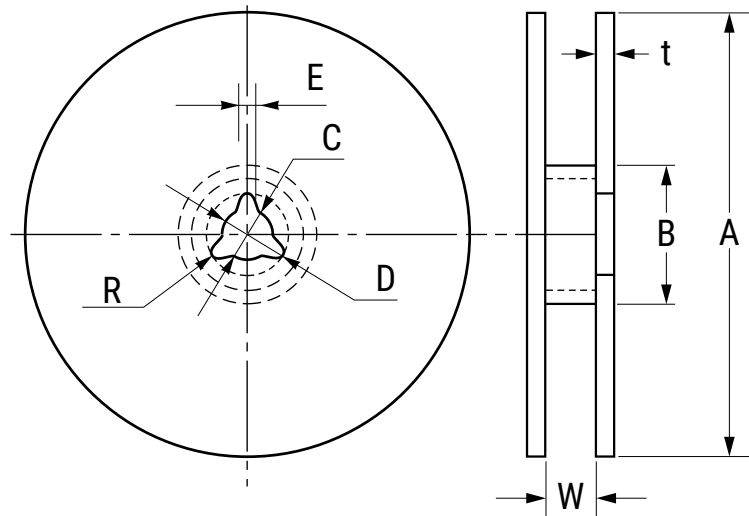
Taping Specifications - Millimeters (Inches) cont.

0805 1.25 mm Height Embossed (Plastic) Tape 8 mm Width



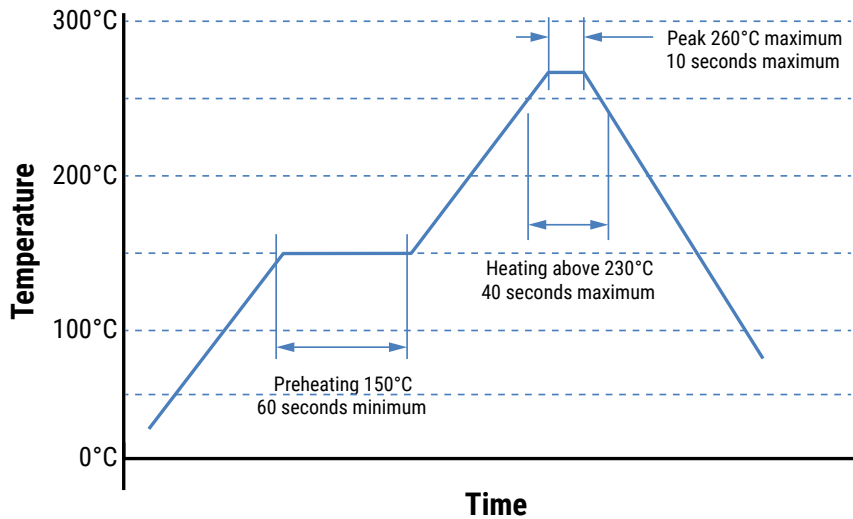
EIA Case Size	Metric Case Size	Height	Reel Quantity		Cavity		Pitch	Thickness	
					A	B	P	T	K
0805	2012	1.25	2,000	Nominal	1.5	2.3	4.0	0.3	2.0
				Tolerance	± 0.2	± 0.2	± 0.1	Maximum	Maximum

Reel Specifications - Millimeters



EIA Size Code		Dimensions - Millimeters							
		A	B	C	D	E	R	t	W
0402	Nominal	$\varnothing 178.0$	$\varnothing 60.0$	$\varnothing 13.0$	$\varnothing 21.0$	2.0	1.0	2.5	10.0
0630 0805	Tolerance	± 2.0	Minimum	± 0.2	± 0.8	± 0.5		Maximum	± 1.5

Recommended Reflow Soldering Profile



Handling Precautions

Ferrite chip beads should be stored in normal working environments. While these beads themselves are quite robust in other environments, exposure to high temperatures, high humidity, corrosive atmospheres, and long-term storage degrades solderability.

KEMET recommends that maximum storage temperature not exceed 40°C and maximum storage humidity not exceed 70% relative humidity. Atmospheres should be free of chlorine-bearing and sulfur-bearing compounds. Temperature fluctuations should be minimized to avoid condensation on the parts.

For optimized solderability, ferrite chip beads stock should be used promptly, preferably within six months of receipt.”

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