

UC23 Type

Chip Mica Capacitor 3.2x2.5 size

[Inquiry](#)

High accuracy for high frequency.
 Small temperature coefficient and suitable to high withstand voltage.
 Please ask us if you need special capacitance-tolerance.

Application

Telecommunication equipment

Specifications

Ordering Cord:UC232A1500J (-T)

UC	Chip Mica Capacitor:UC Series
23	Size(mm) L:3.2 W:2.5 T:2(max)
2A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC
1500	Nominal Capacitance (pF) Exa.:1500-->150pF 0150-->15pF
	Capacitance Range 2A:43.5-430pF 2H:0.5-150pF 3A:0.5-50pF
	0.5pF up to 10pF/0.1pF Step
	10.5pF up to 100pF/0.5pF Step
	101pF up to 1000pF/1pF Step

J	Capacitance (pF)	Tolerance			
		C	D	F	J
	0.5-10.0	+/-0.25pF	+/-0.5pF		
	10.5-12.5	+/-0.25pF			+/-5%

	13.0-25.0	+/-0.25pF			+/-2%	+/-5%
	25.5-50.0	+/-0.25pF		+/-1%	+/-2%	+/-5%
	50.5-100	+/-0.25pF	+/-0.5%	+/-1%	+/-2%	+/-5%
	101-430			+/-1%	+/-2%	+/-5%

(-T) Taping UC23 : 3000pcs/Reel

Temperature Coefficient 1-10pF : 0-200ppm/Deg.C 10.5-30pF : 0-100ppm/Deg.C 30.5pFmin : 0-50ppm/Deg.C

Operating Temperature Range -55 up to +125Deg.C

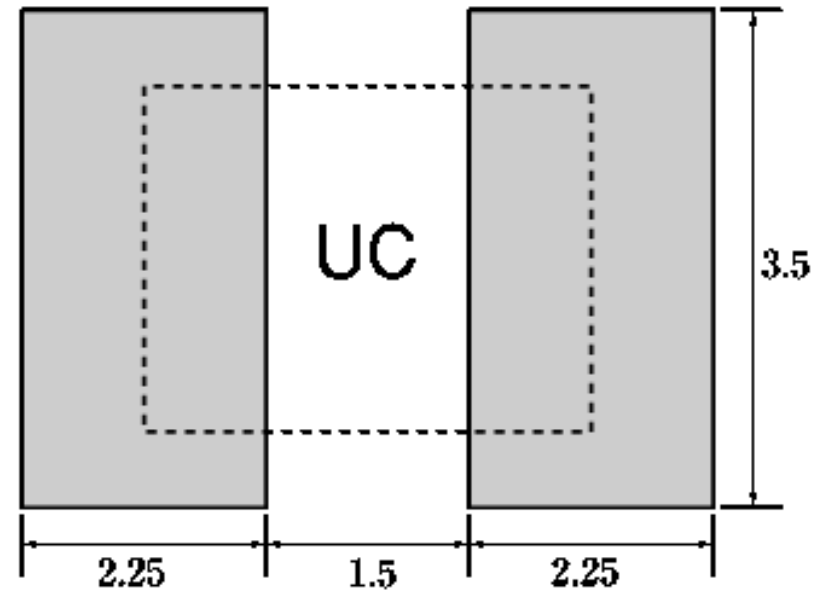
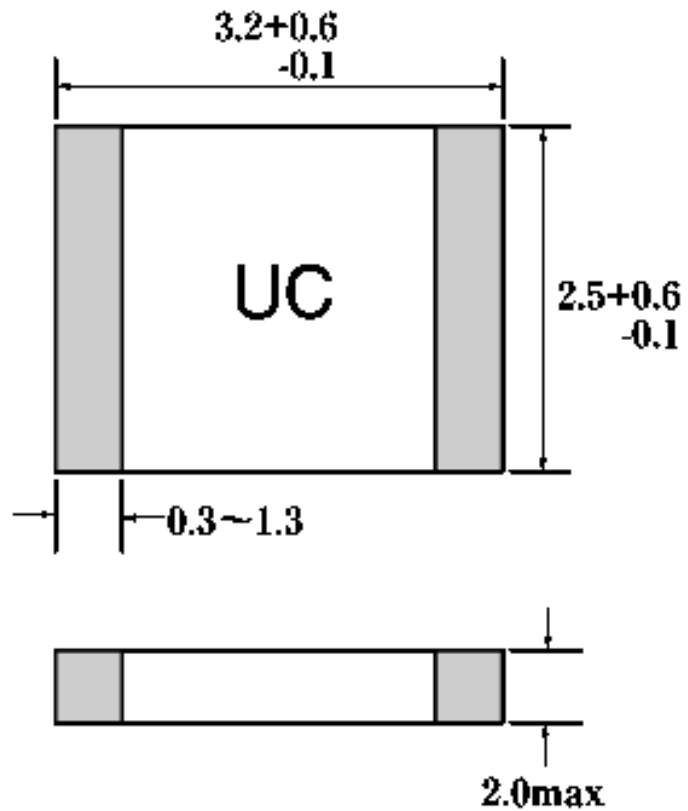
Insuration Resistance 10x10⁴M ohm min

Dimensions

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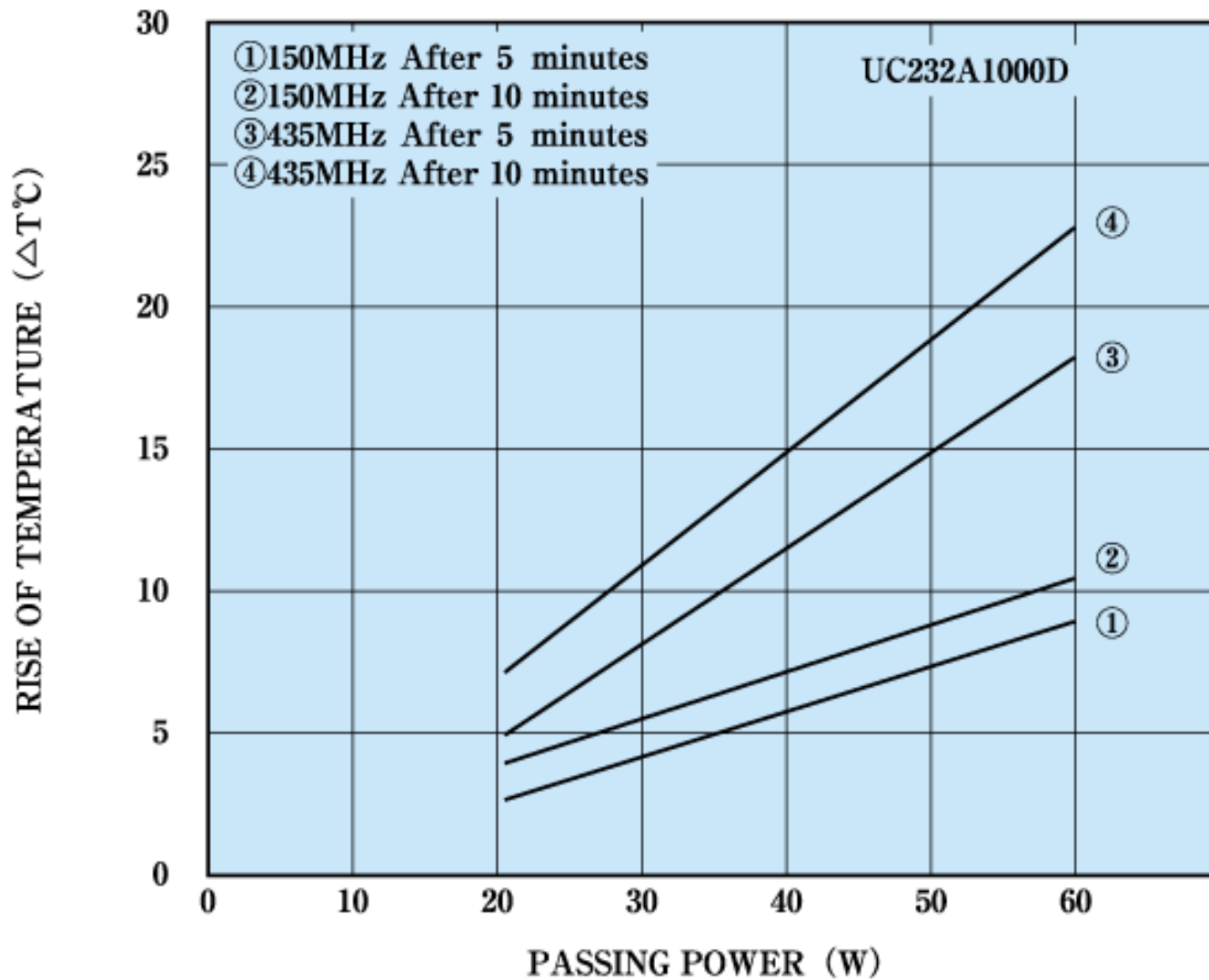
[Size]

[Land Pattern]

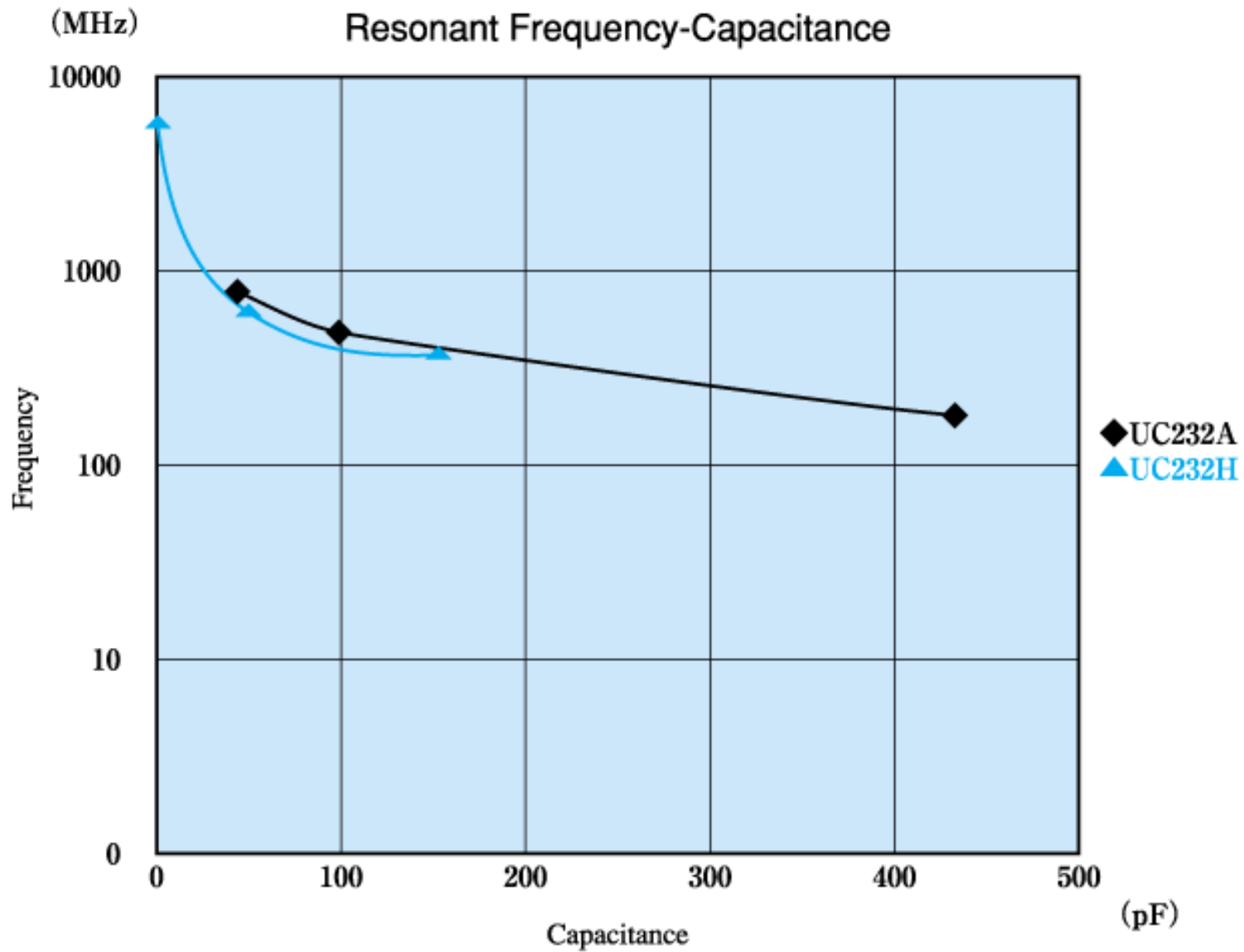


Unit (mm)

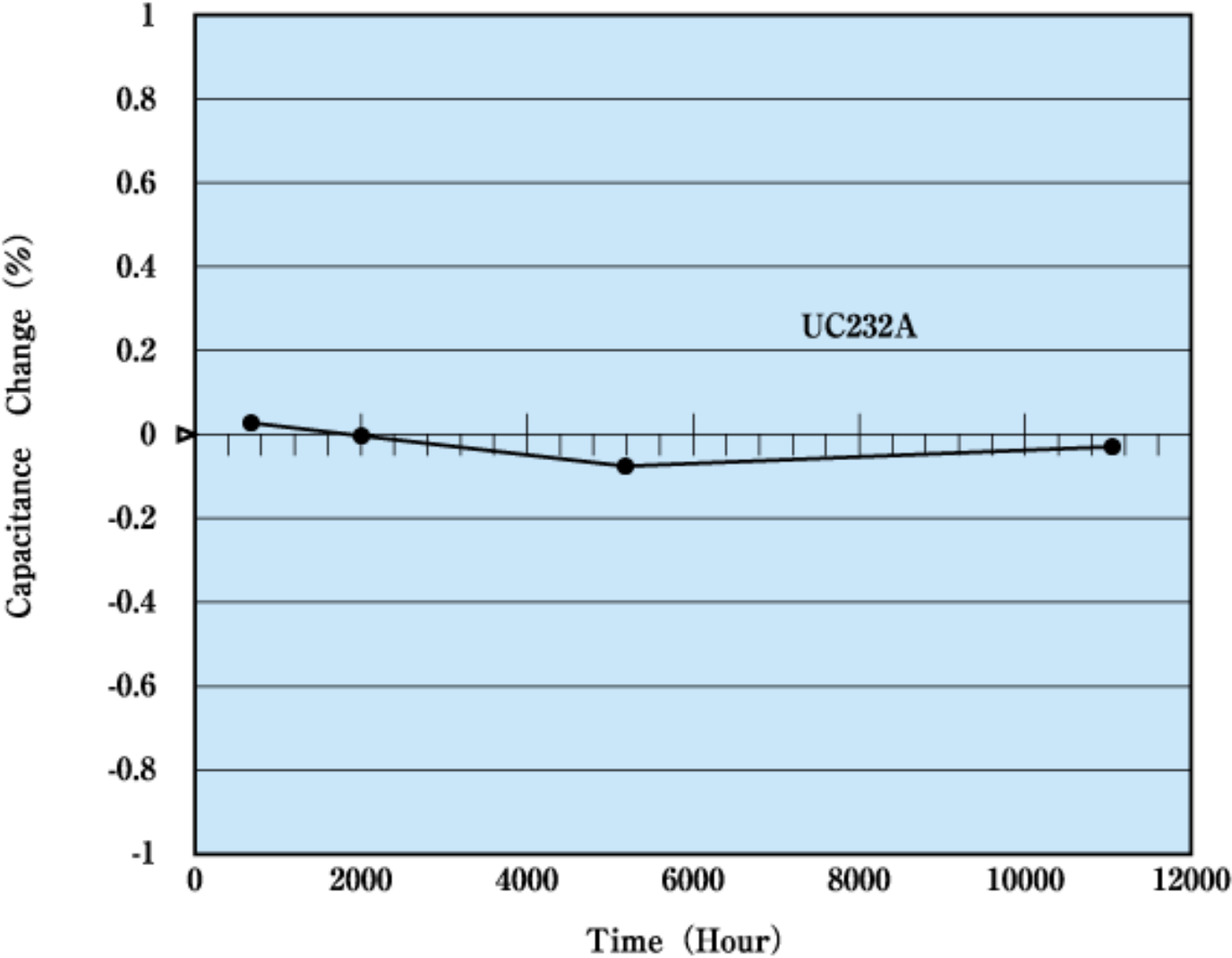
Rise of Temperature

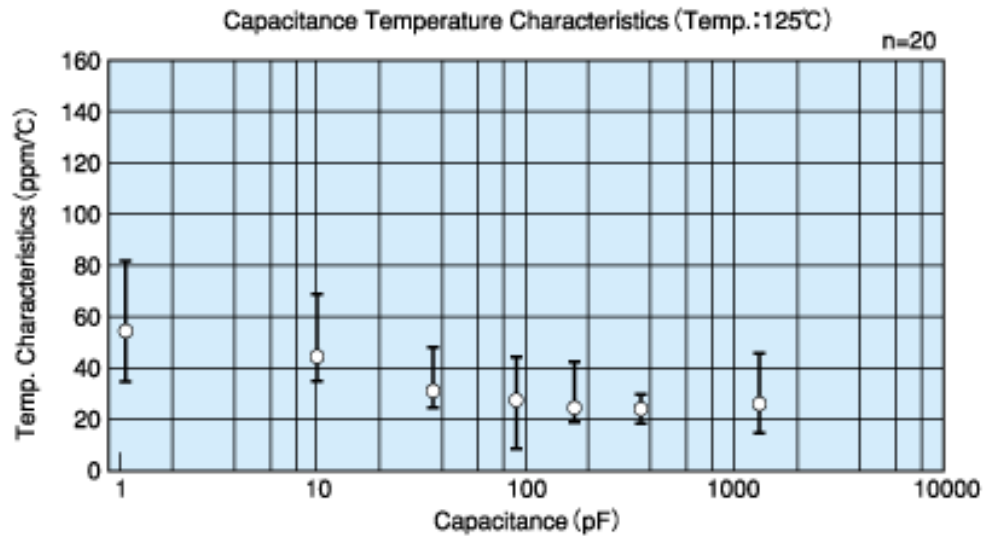
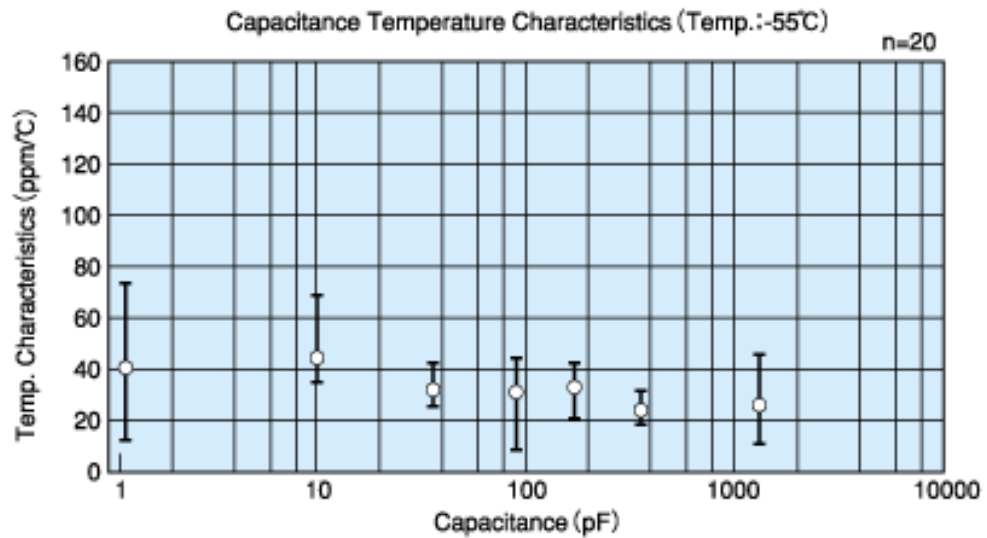


Resonant Frequency-Capacitance

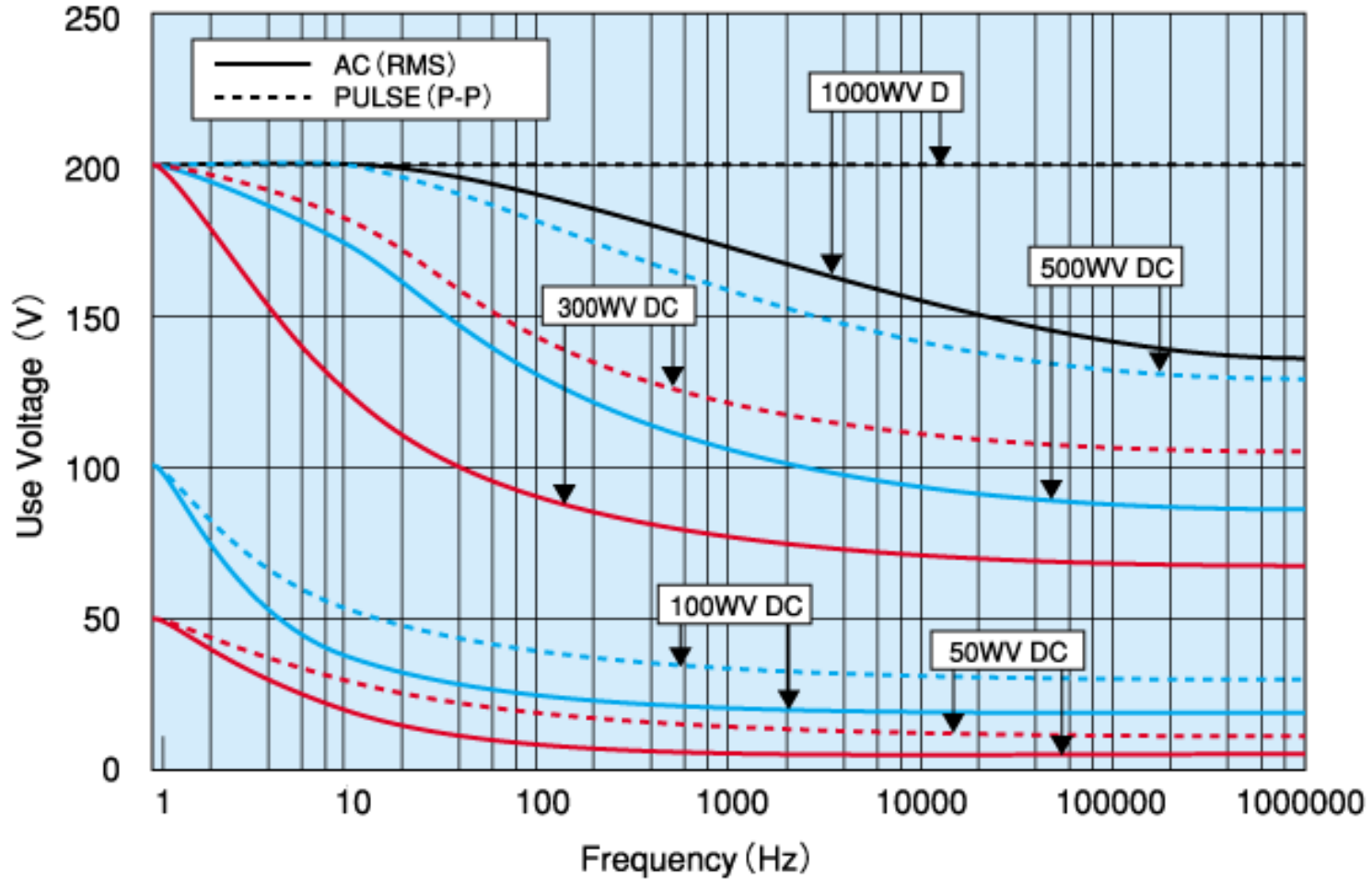


Capacitance Change VS. Time

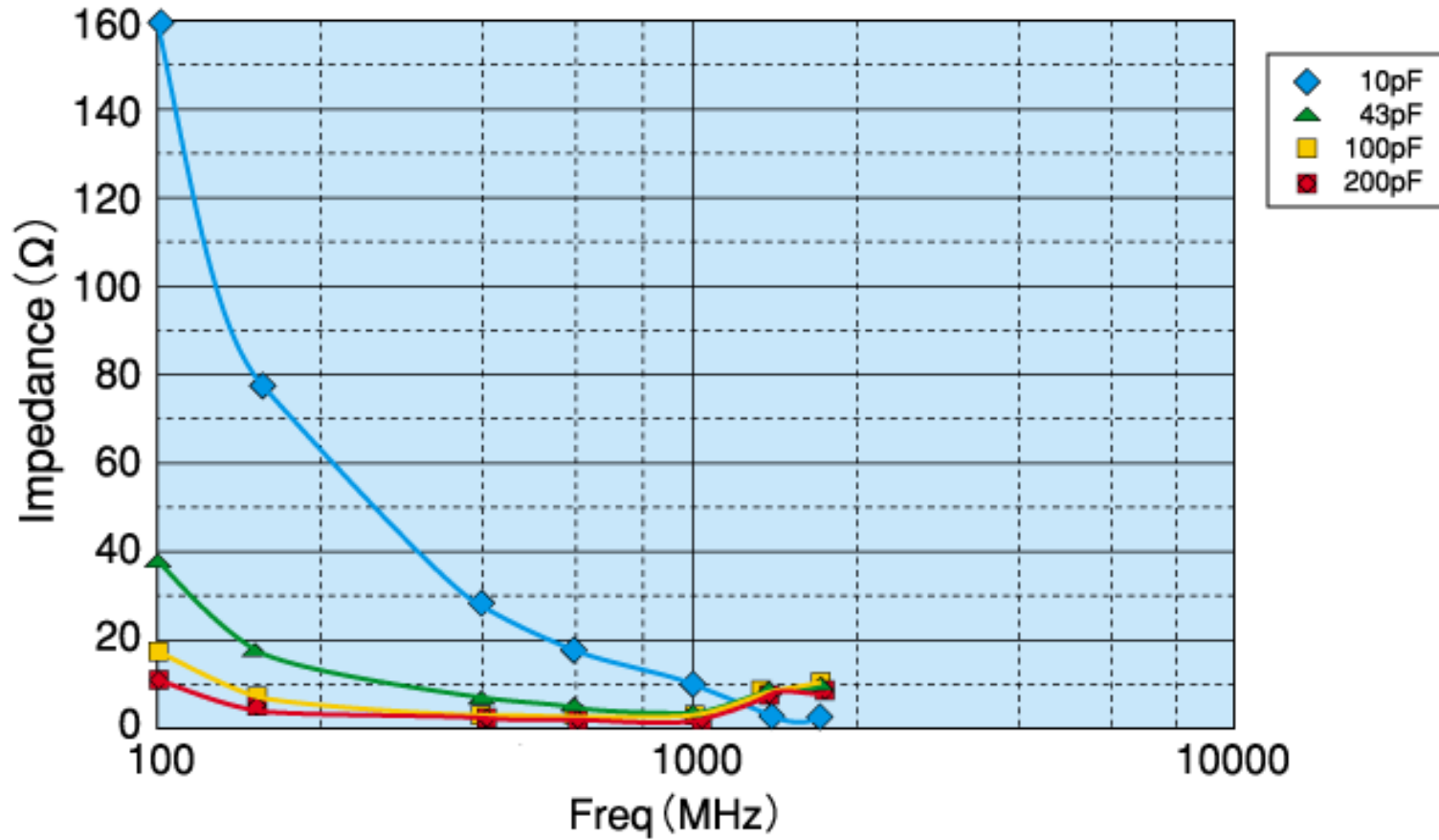




Allowable Voltage VS. Frequency



Z VS. FREQUENCY



ESR VS. FREQUENCY

