

UC12 Type

Chip Mica Capacitor 2x1.25 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

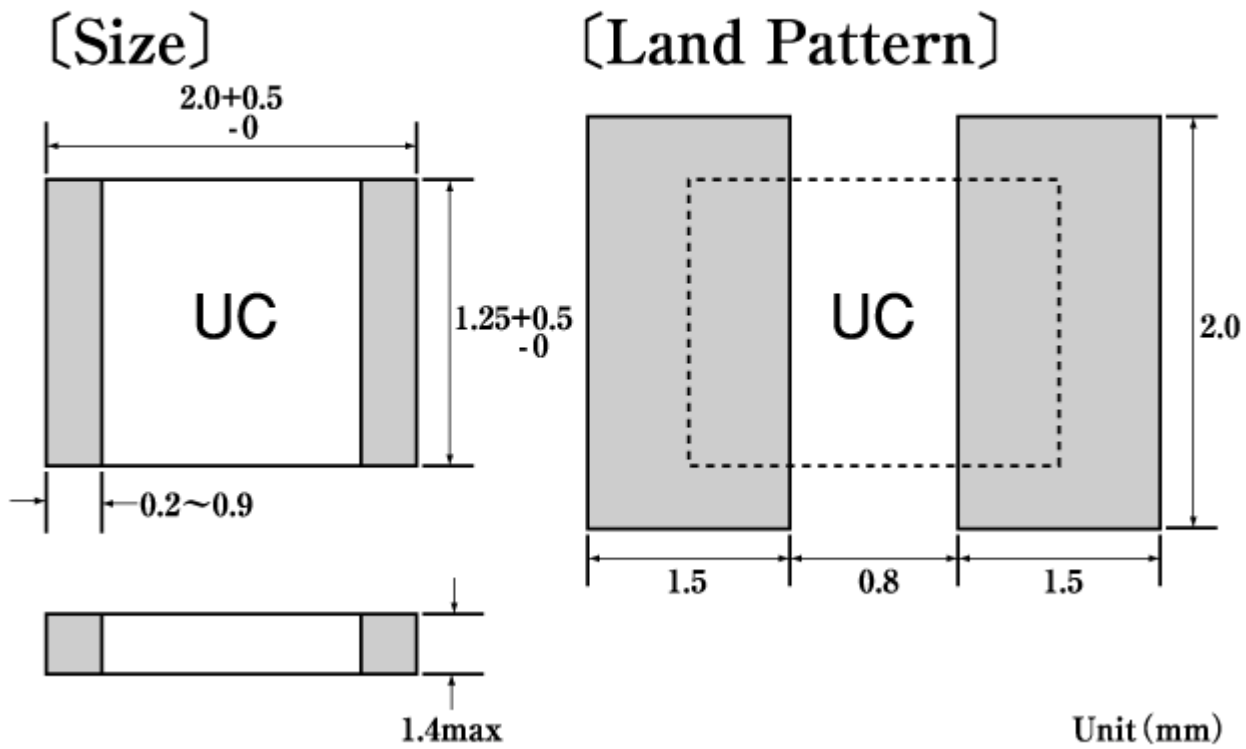
Adjustment for power circuit

Specifications

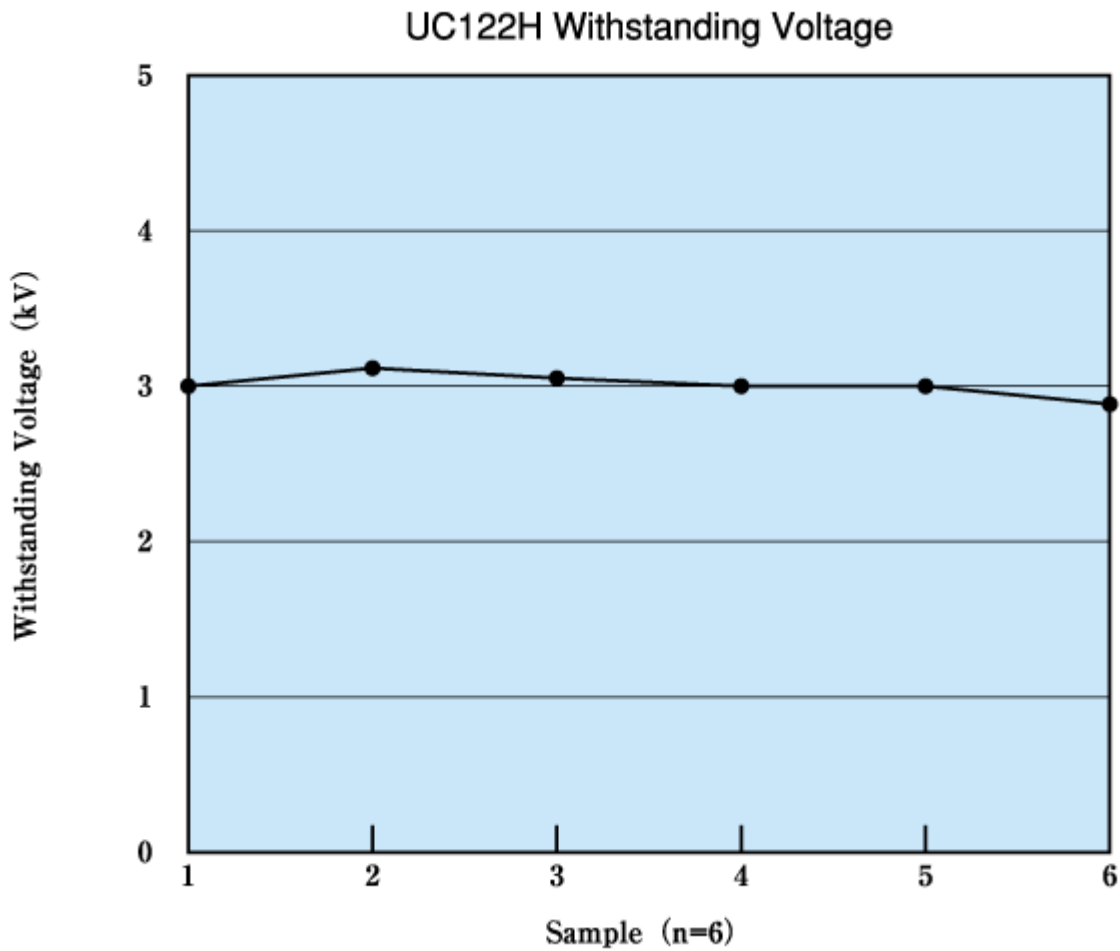
Ordering Cord:UC122A0150J (-T)					
UC	Chip Mica Capacitor:UC Series				
12	Size(mm) L:2.0 W:1.25 T:1.6(max)				
2A	Rated Voltage 2A:100WVDC 2H:500WVDC				
0150	Nominal Capacitance (pF) Exa.:0150-->15pF 0010-->1pF				
	Capacitance Range 2A:0.5-100pF 2H:0.5-20pF				
	0.5pF up to 10pF/0.1pF Step				
	10.5pF up to 100pF/0.5pF Step				
J	Capacitance (pF)	Tolerance			
		C	D	F	G
	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	+/-0.25pF	+/-0.5%	+/-1%	+/-2% +/-5%	
(-T)	Taping UC12 : 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					
Insulation Resistance 10×10^4 M ohm min					

Dimensions

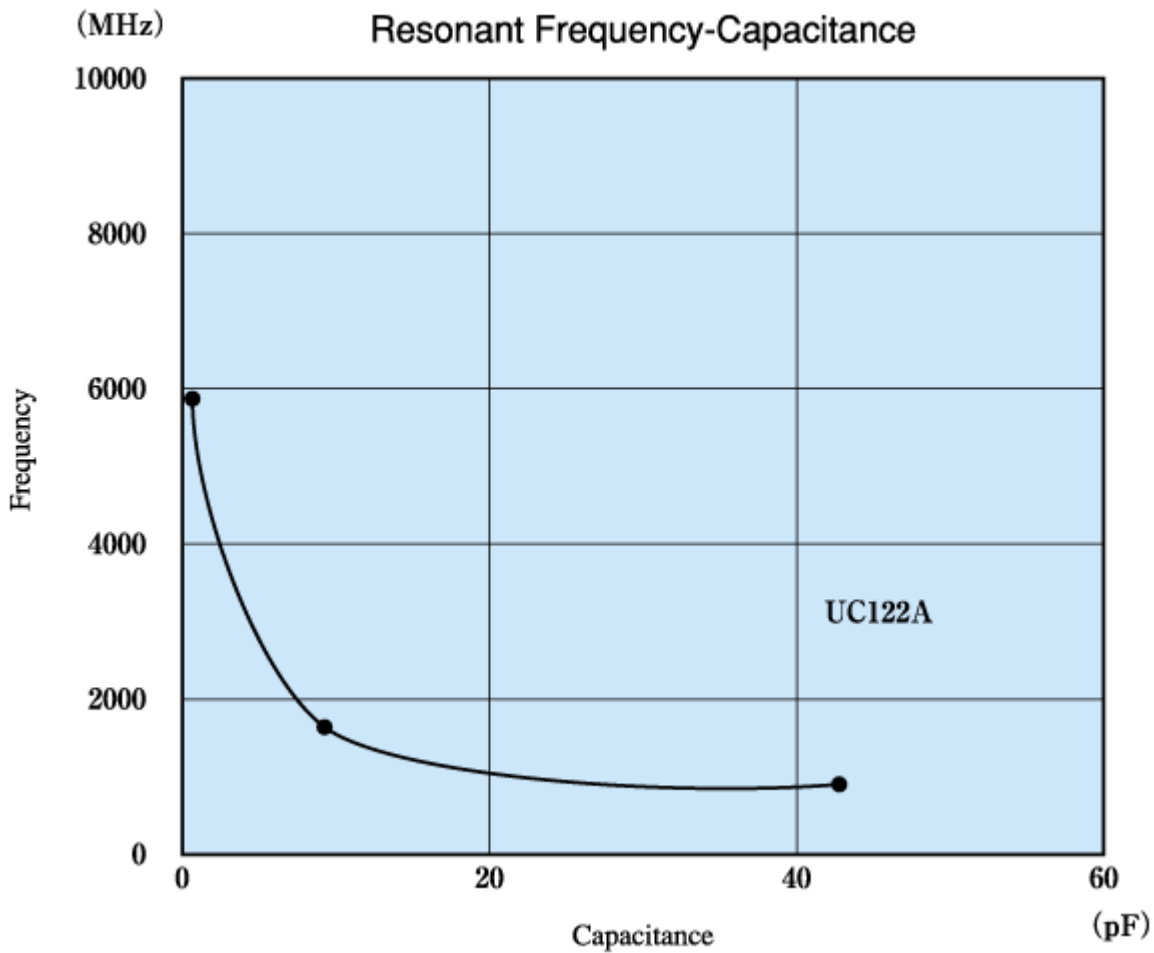
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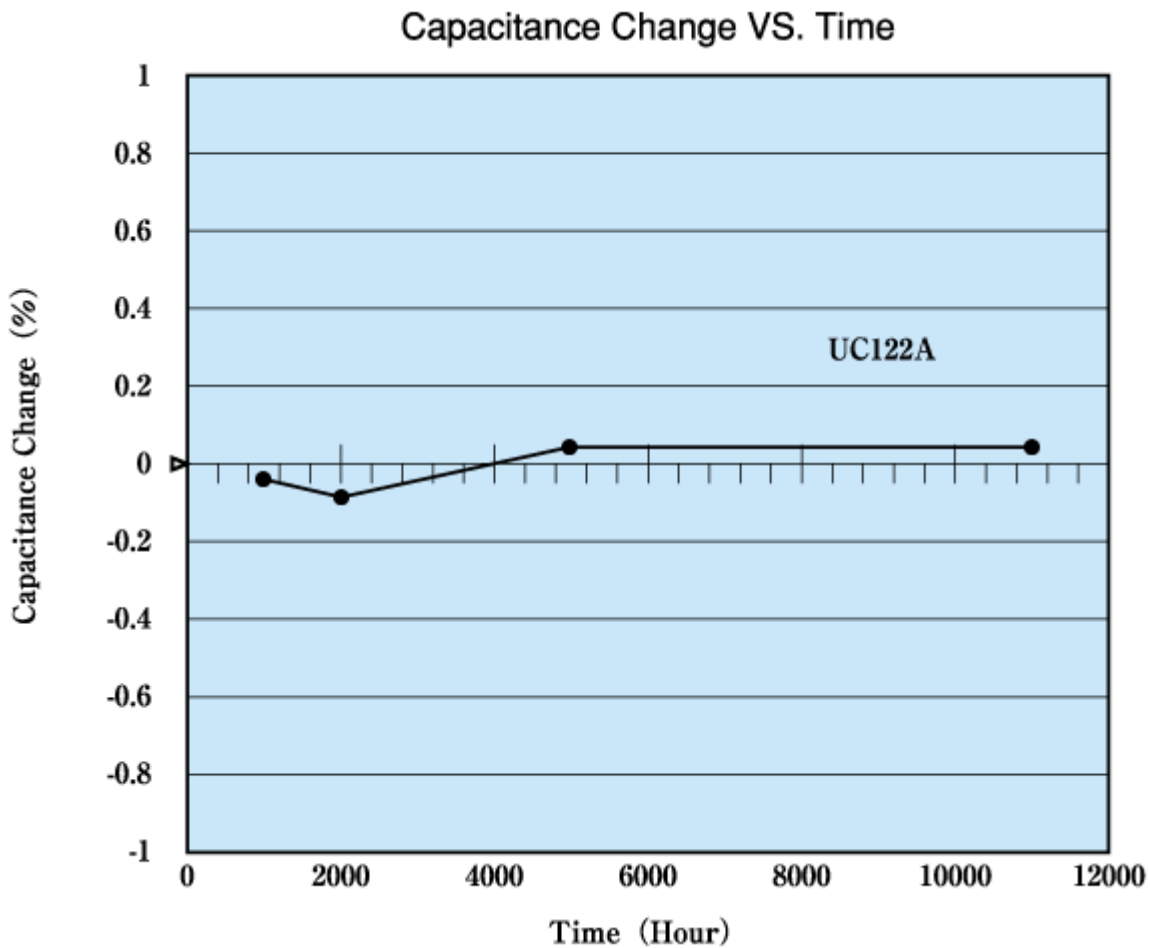
Data1 [Breakdown voltage]



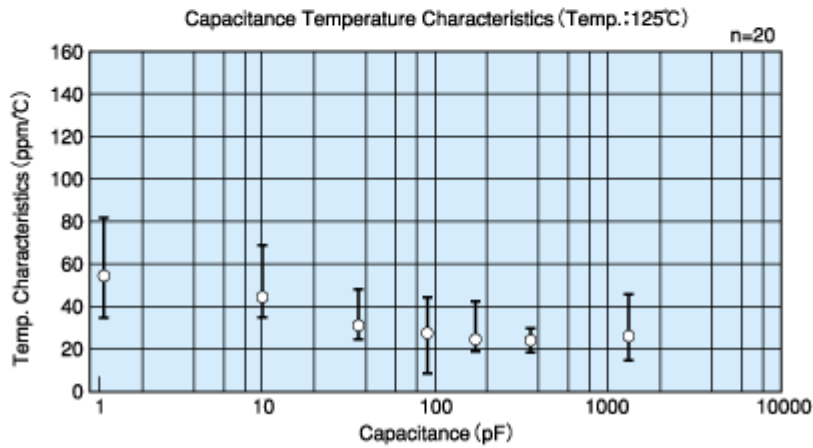
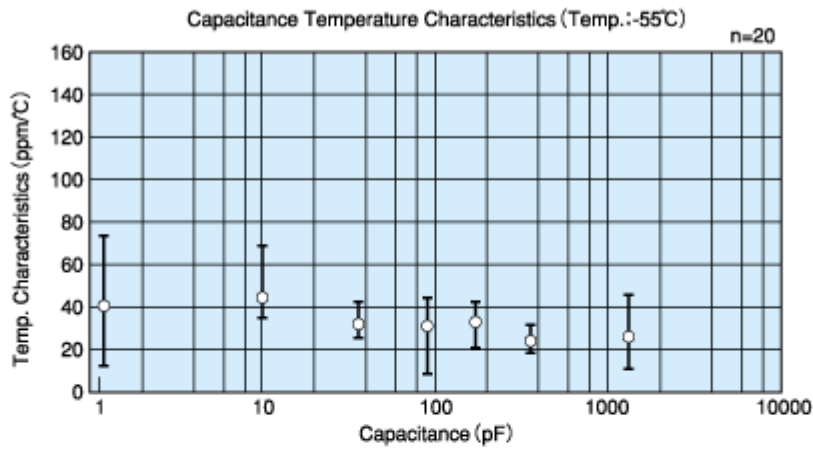
Data2 [Resonant Frequency]



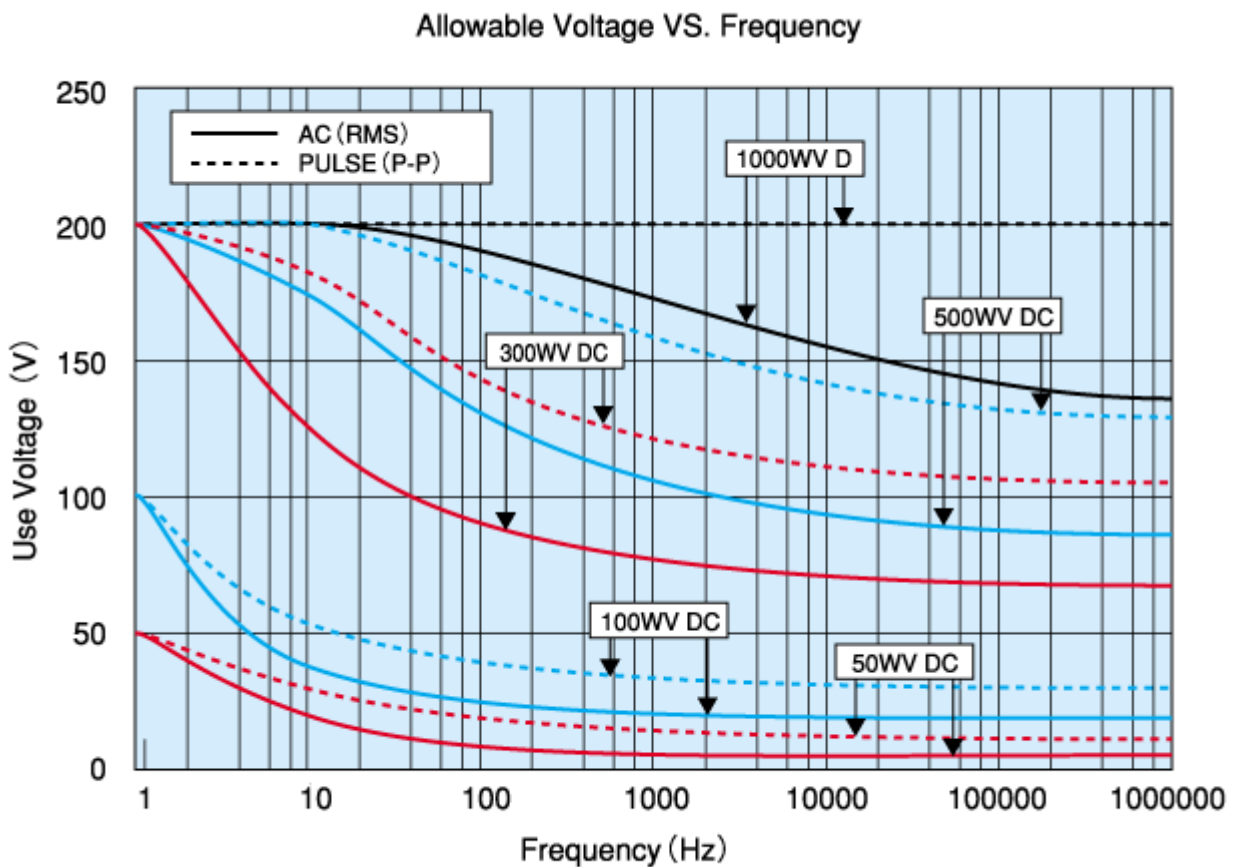
Data3 [Long-term stability in capacitance]



Data4 [Temperature coefficient of capacitance](-55 Deg.C/+125 Deg.C)

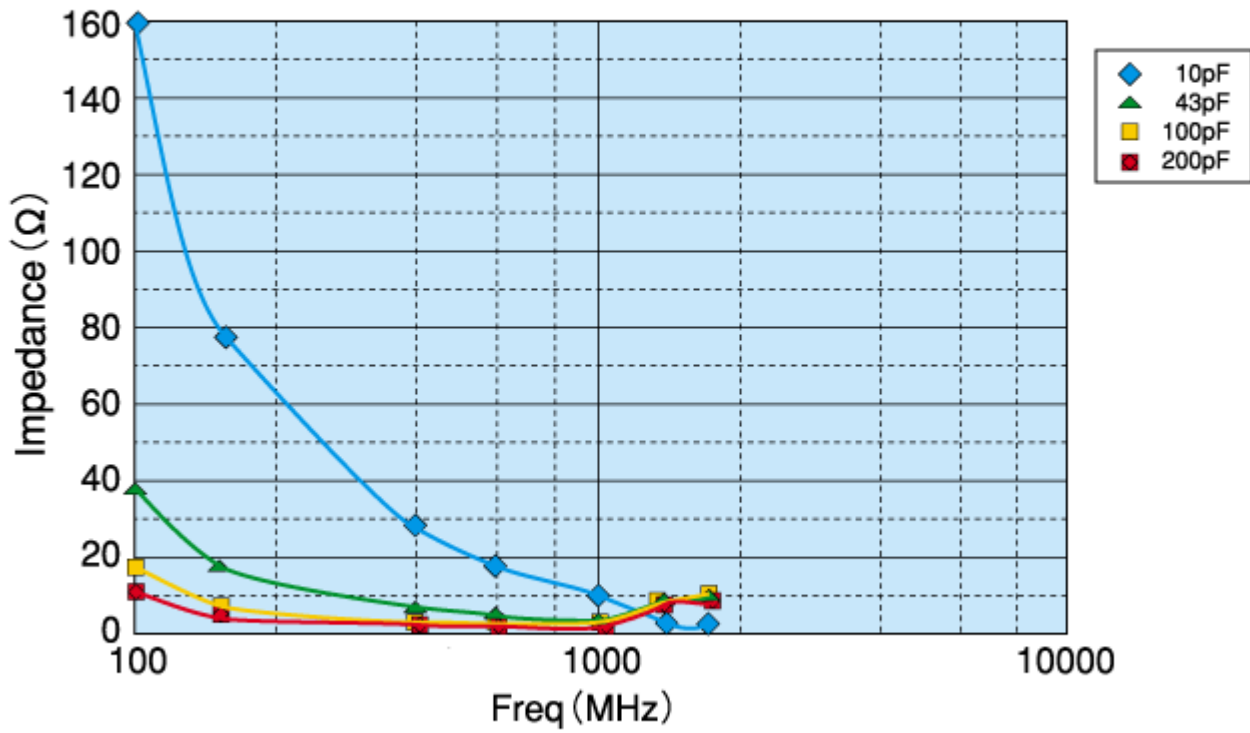


Data5 [Operating voltage VS.Frequency]



Data6 [Impedance VS. Frequency]

Z VS. FREQUENCY



Data7 [ESR VS. Frequency]

ESR VS. FREQUENCY

