

UC55 Type

Chip Mica Capacitor 5.7x5 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

Filtering circuit for CATV/High power RF circuit etc.

Specifications

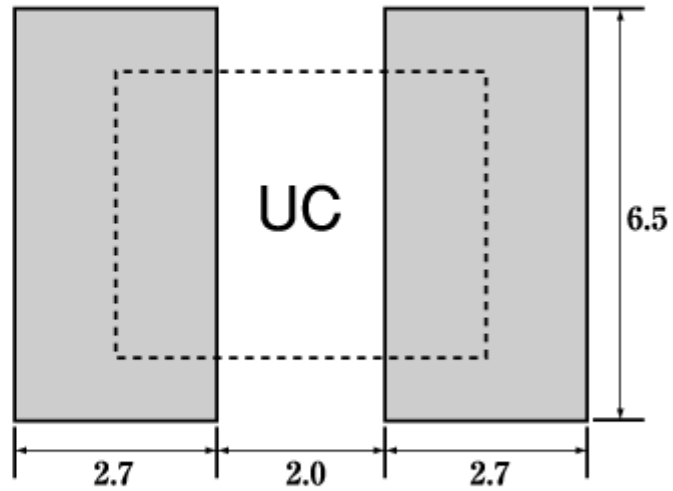
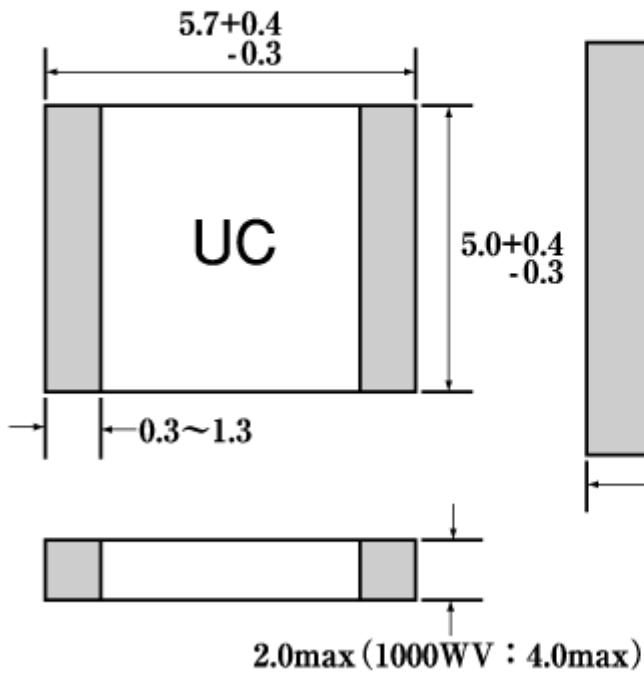
Ordering Cord:UC5532A1501J (-T)					
UC	Chip Mica Capacitor				
55	Size(mm) L:5.7 W:5 T:2 or 4 (max) [T=4mm:1000V Typ]				
3A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC				
1501	Nominal Capacitance (pF) Exa.:1501 -->1500pF 1511-->1510pF				
	Capacitance Range 2A:821-2200pF 2H:471-1200pF 3A:50.5-1500pF				
	10pF up to 100pF/0.5pF Step				
	101pF up to 1000pF/1pF Step				
J	1010pF min/10pF Step				
	Capacitance (pF)	Tolerance			
		C	D	F	G
50.5-100	+/-0.25pF	+/-0.5%	+/-1%	+/-2%	+/-5%
101-2200			+/-1%	+/-2%	+/-5%
(-T)	Taping UC55 : 1000pcs/Reel UC553A 680pF min : 500pcs/Reel				
Temperature Coefficient 0-50ppm/Deg.C					
Operating Temperature Range -55 up to +125Deg.C					
Insulation Resistance 10x10 ⁴ M ohm min					

Dimensions

UC55 Type

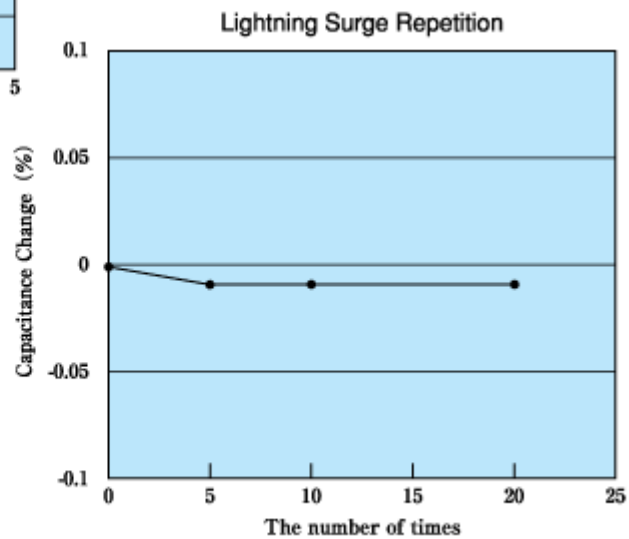
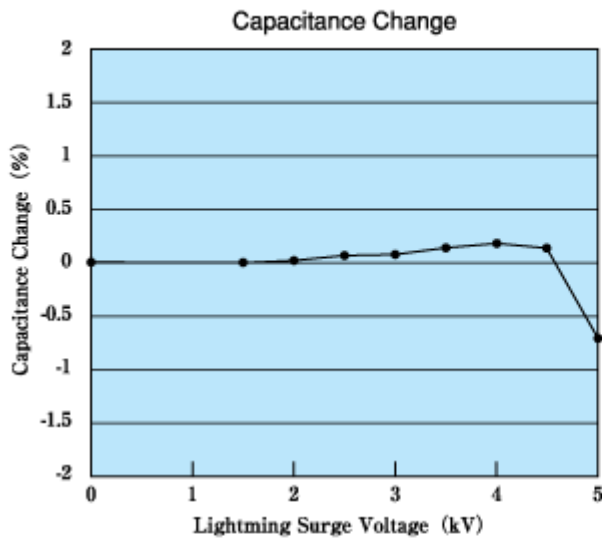
[Size]

[Land Pattern]

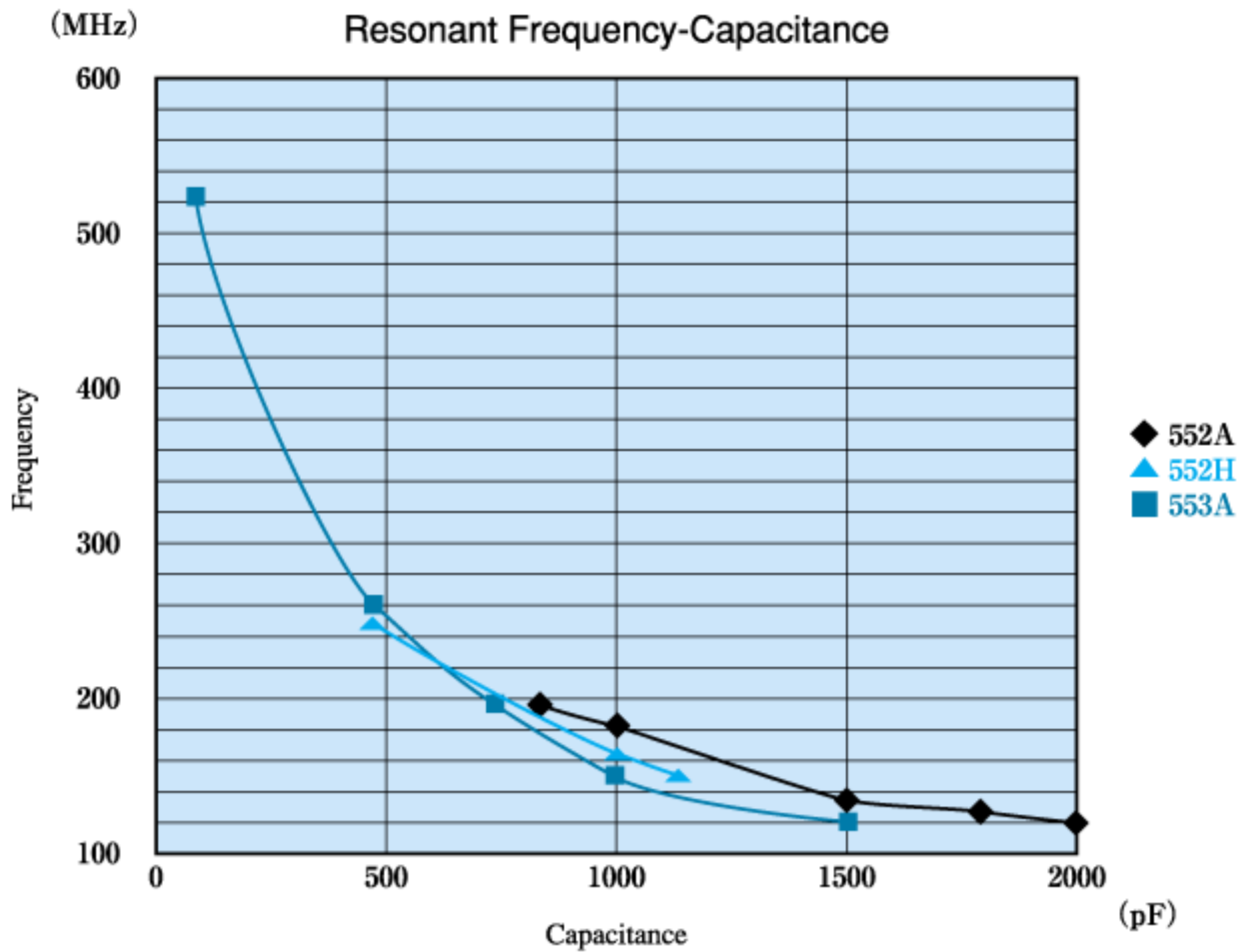


Unit (mm)

Data1 [Surge]

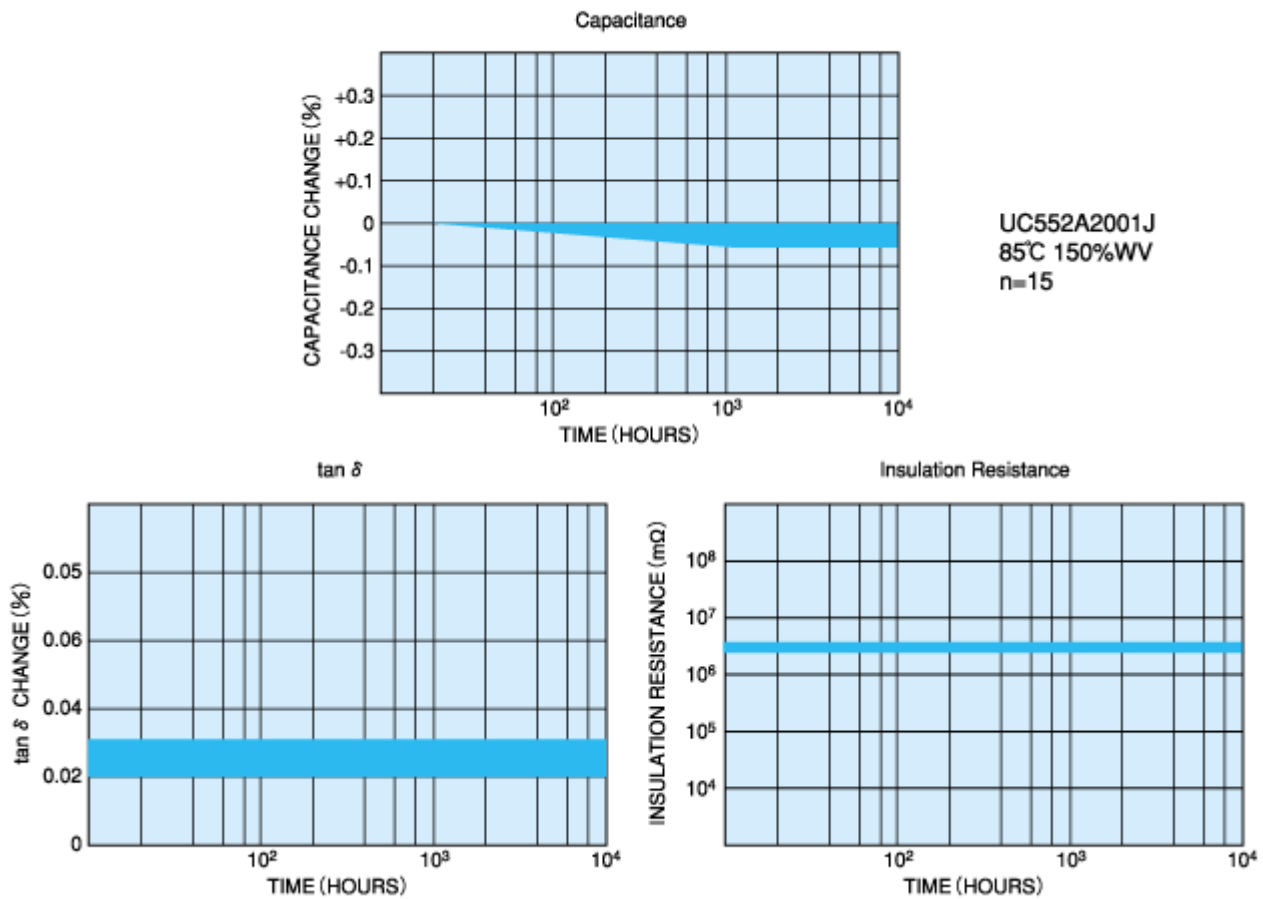


Data2 [Resonant Frequency]

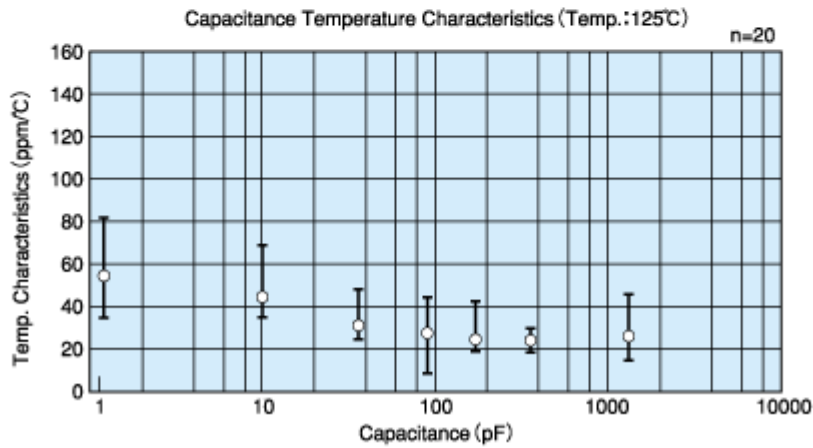
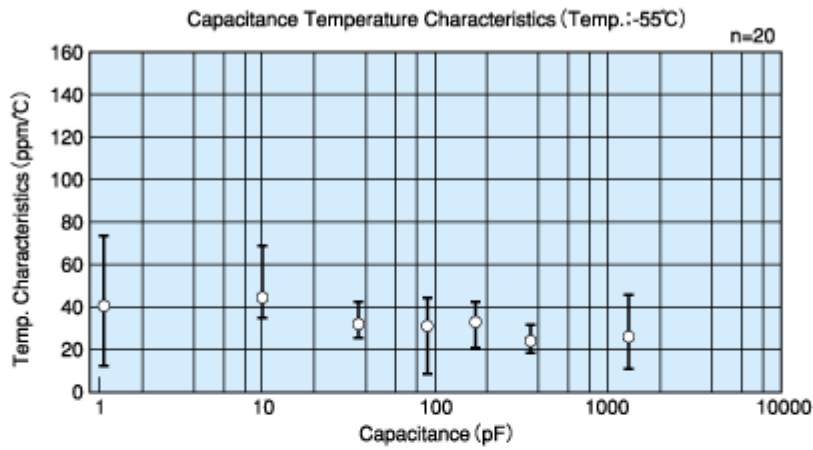


Data3 [Reduction in long-term stability at high temperature]

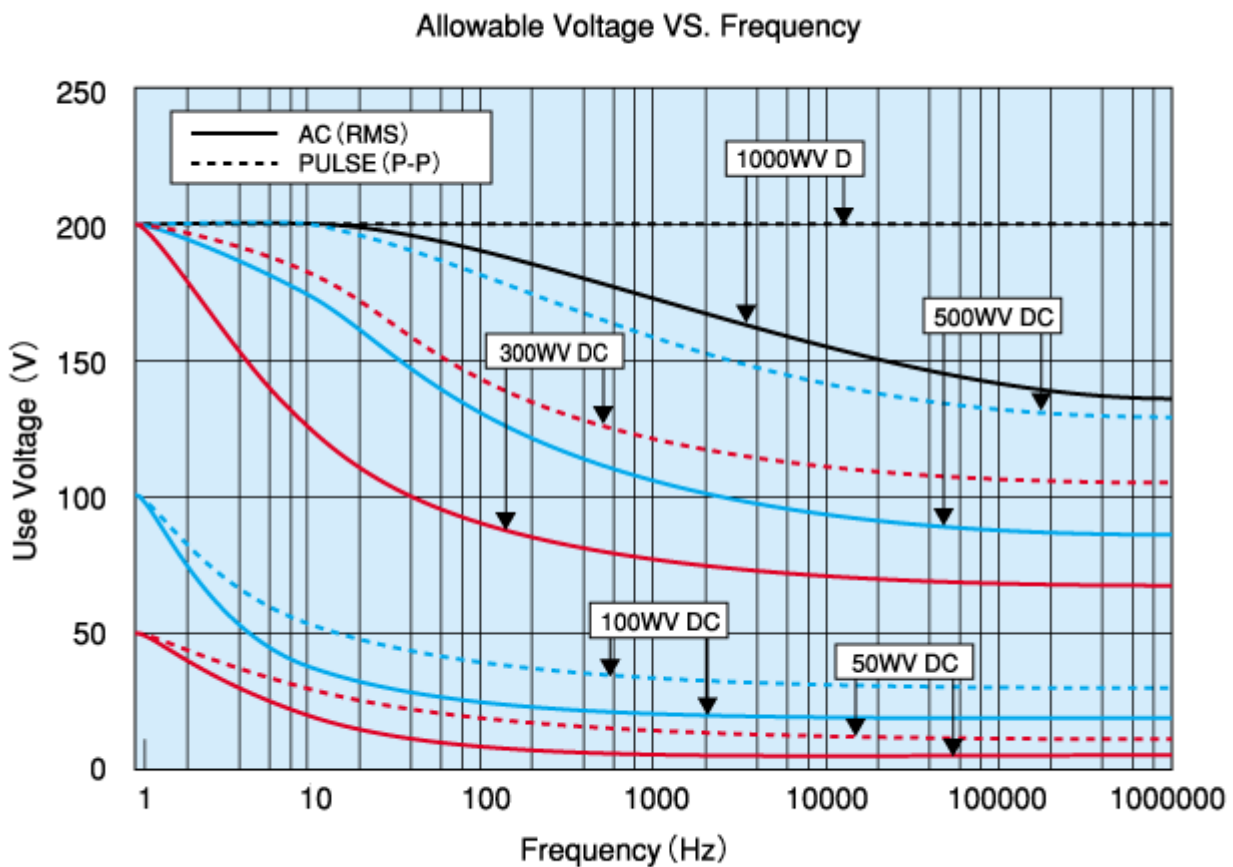
Change by High Temperature Load.



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

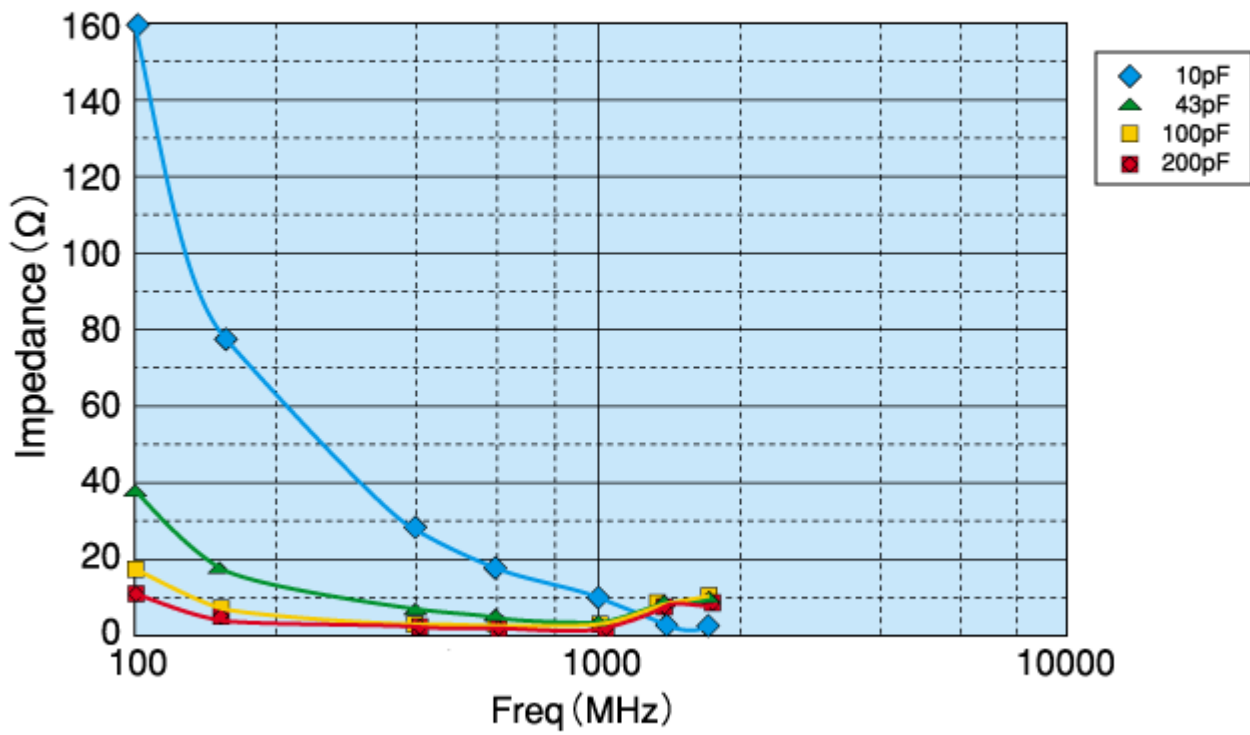


Data5 [Operating voltage VS.Frequency]



Data6 [Impedance VS. Frequency]

Z VS. FREQUENCY



Data7 [ESR VS. Frequency]

ESR VS. FREQUENCY

