

## UC23 Type

Chip Mica Capacitor 3.2x2.5 size

Inquire

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

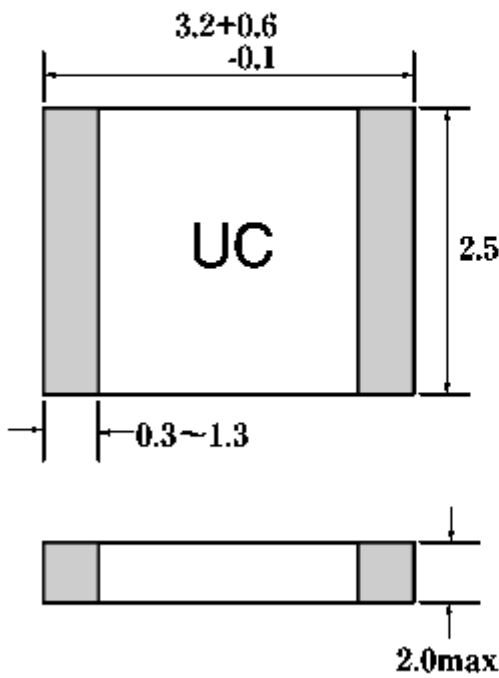
### Specifications

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					
J	101pF up to 1000pF/1pF Step					
	Capacitance (pF)	Tolerance				
		C	D	F	G	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						
Insulation Resistance 10x10 <sup>4</sup> M ohm min						

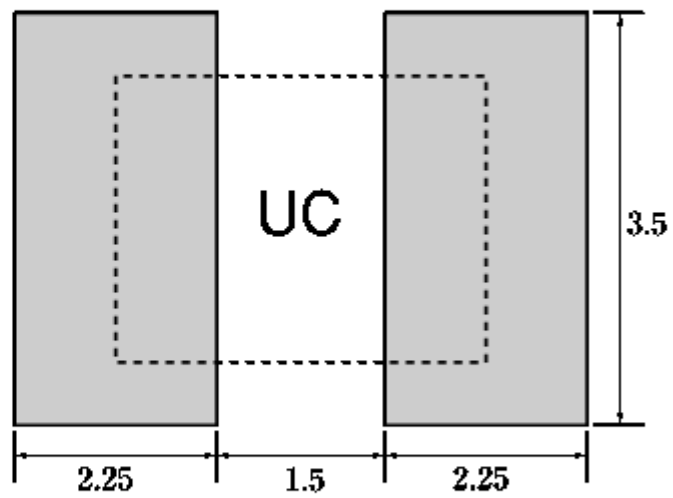
### Dimensions

# UC23 Type

[Size]

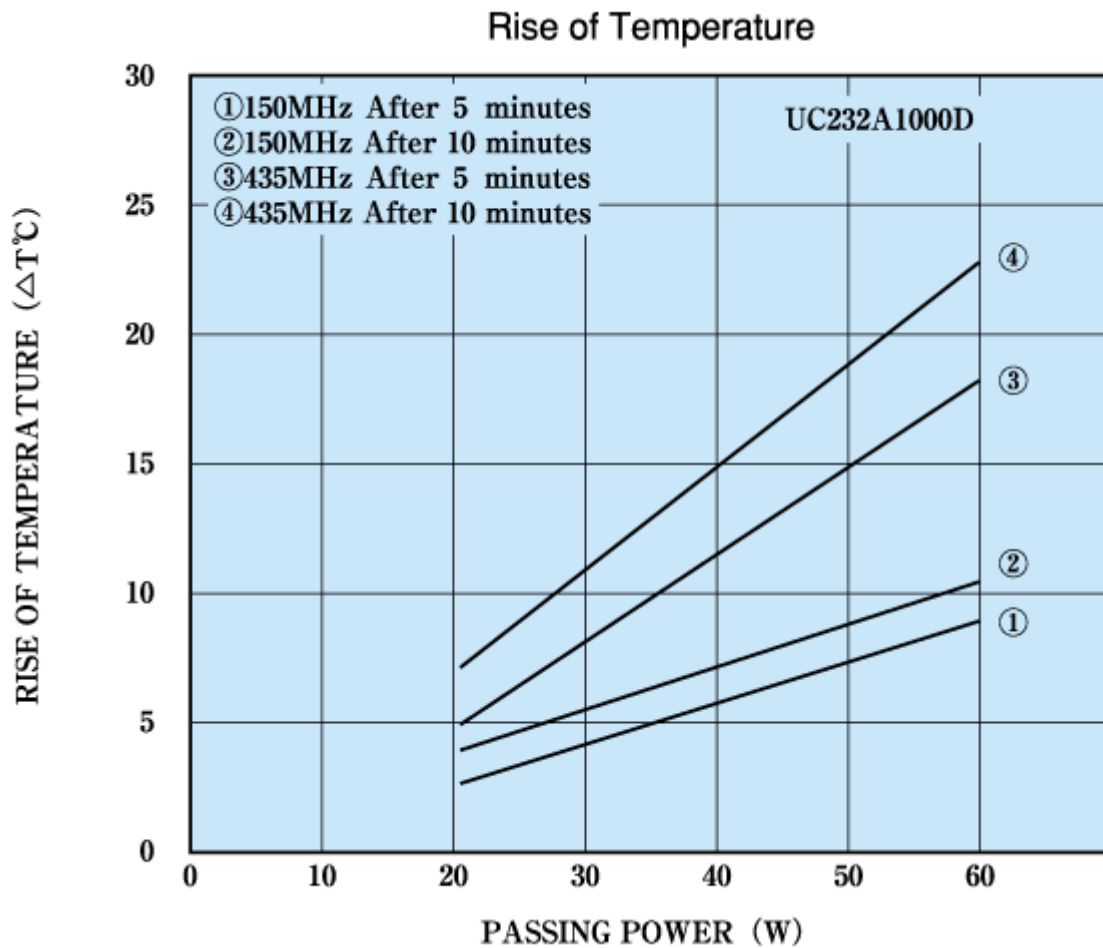


[Land Pattern]

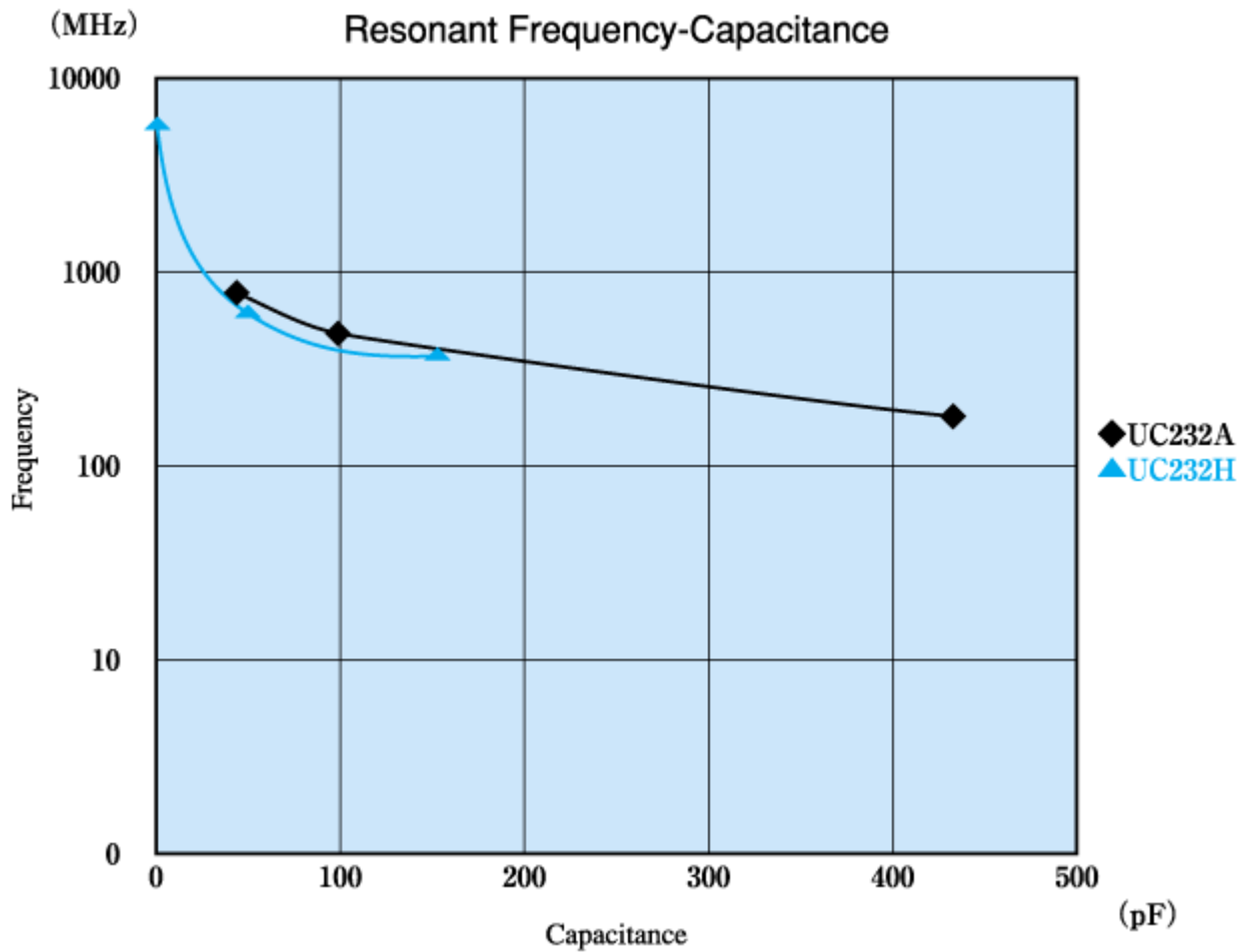


Unit (mm)

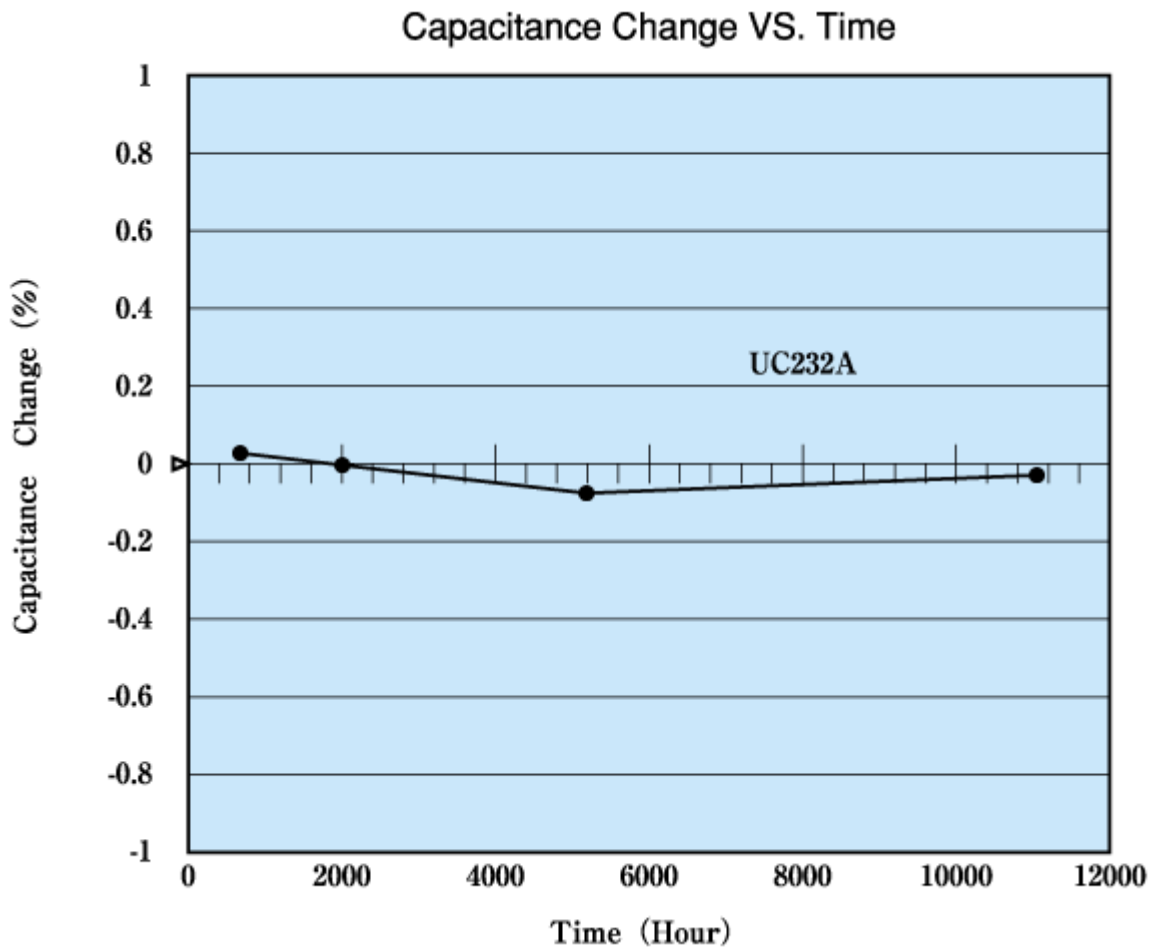
Data1 [Passing power VS. Rise of Temperature]



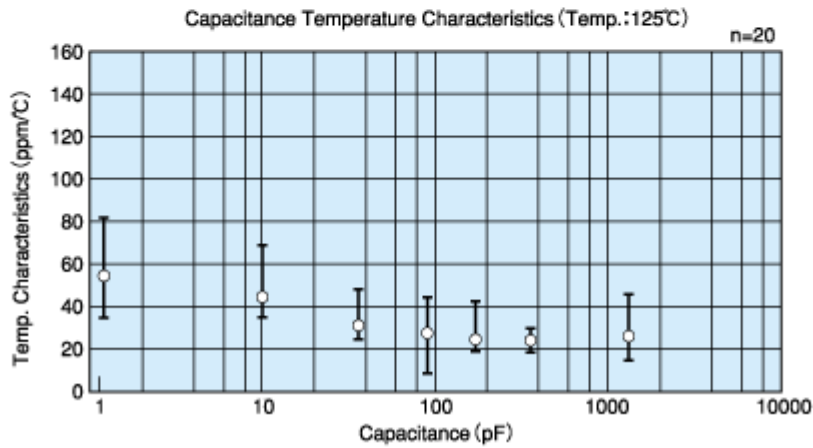
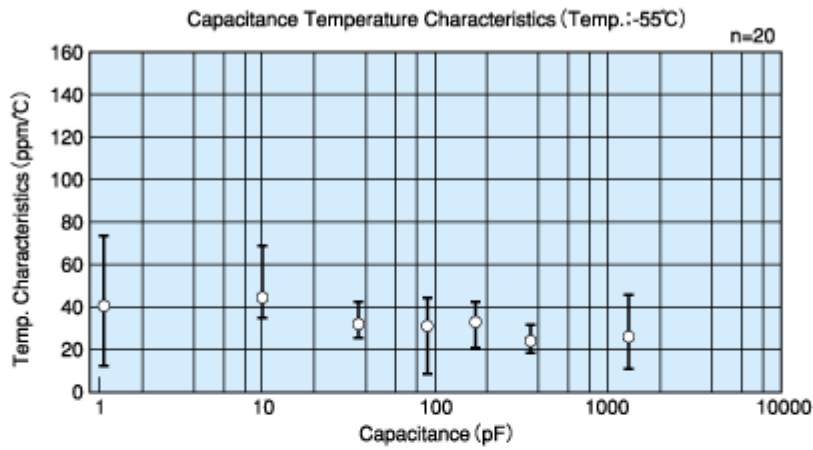
Data2 [Resonant Frequency]



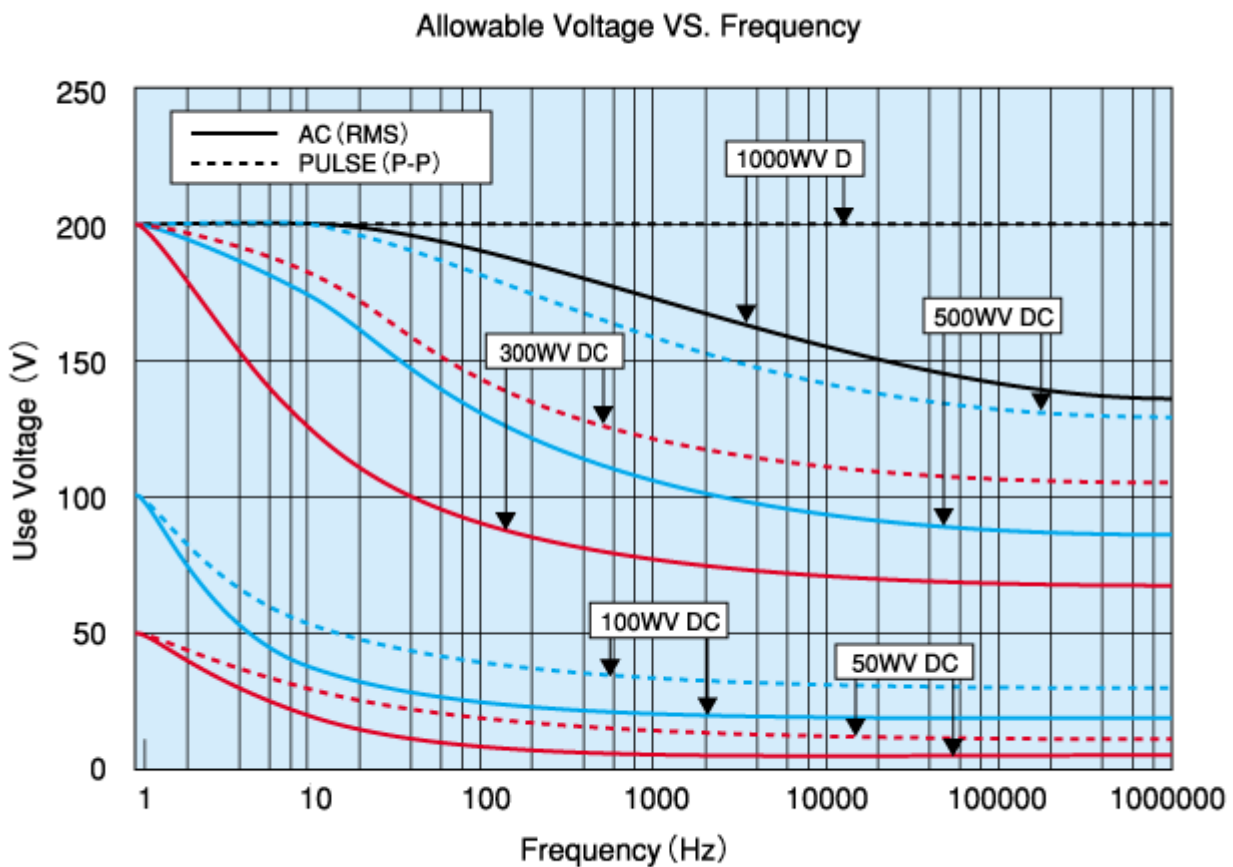
Data3 [Long-term stability in capacitance]



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

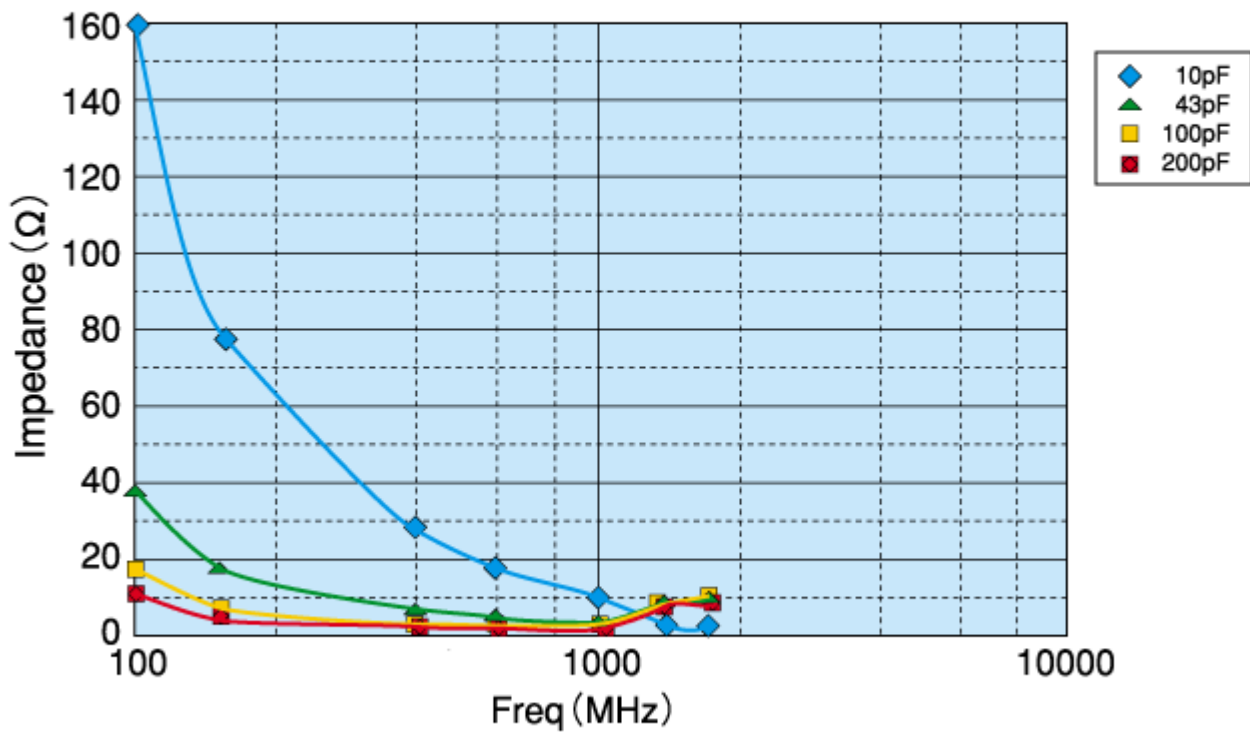


Data5 [Operating voltage VS.Frequency]



Data6 [Impedance VS. Frequency]

### Z VS. FREQUENCY



Data7 [ESR VS. Frequency]

### ESR VS. FREQUENCY

