



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

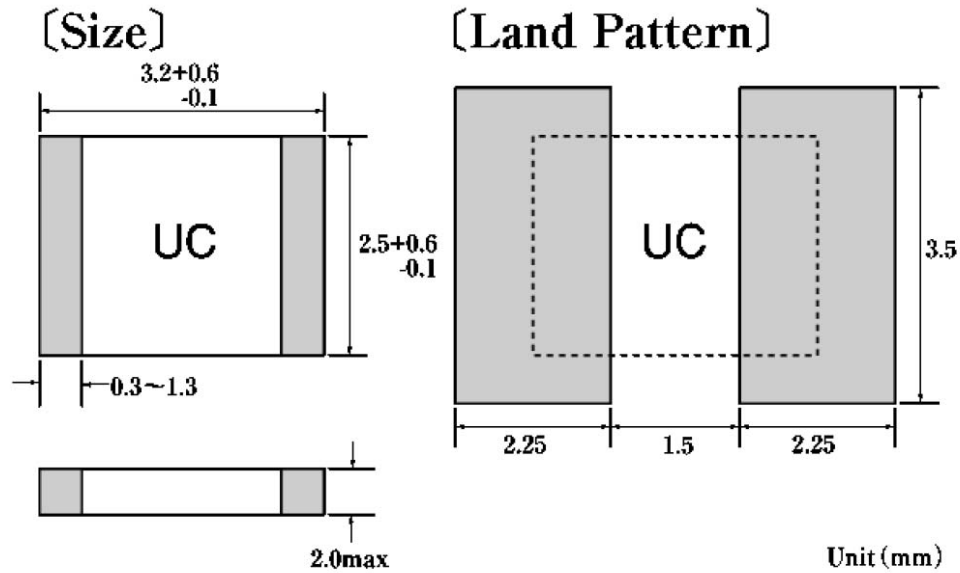
Telecommunication equipment

Specifications

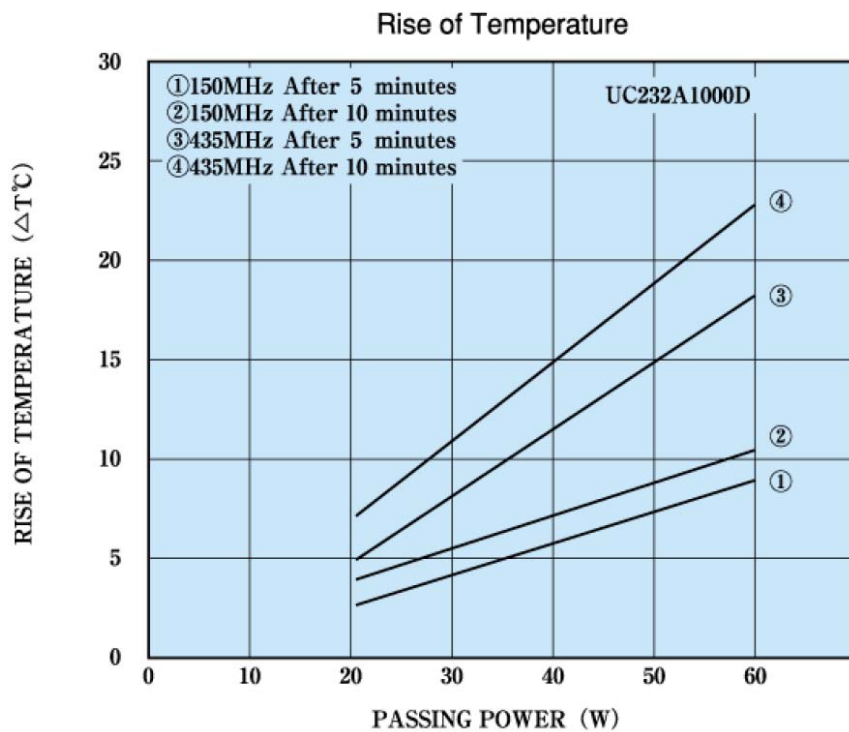
Ordering Cord:UC232A1500J (-T)						
UC	Chip Mica Capacitor:UC Series					
23	Size(mm) L:3.2 W:2.5 T:2(max)					
2A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC					
1500	Nominal Capaciance (pF) Exa.:1500-->150pF 0150-->15pF					
	Capacitance Range 2A:43.5-430pF 2H:0.5-150pF 3A:0.5-50pF					
	0.5pF 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	G	J
	0.5-5.0	±0.25pF	±0.5pF			
	5.1-10.0	±0.25pF	±0.5pF	±1pF		
	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.C10.5-30pF : 0-100ppm/Deg.C 30.5pFmin : 0-50ppm/Deg.C						
Operating Temperature Range -55 up to +125Deg.C						
Insuration Resistance 10x10 ⁴ M ohm min						

Dimensions

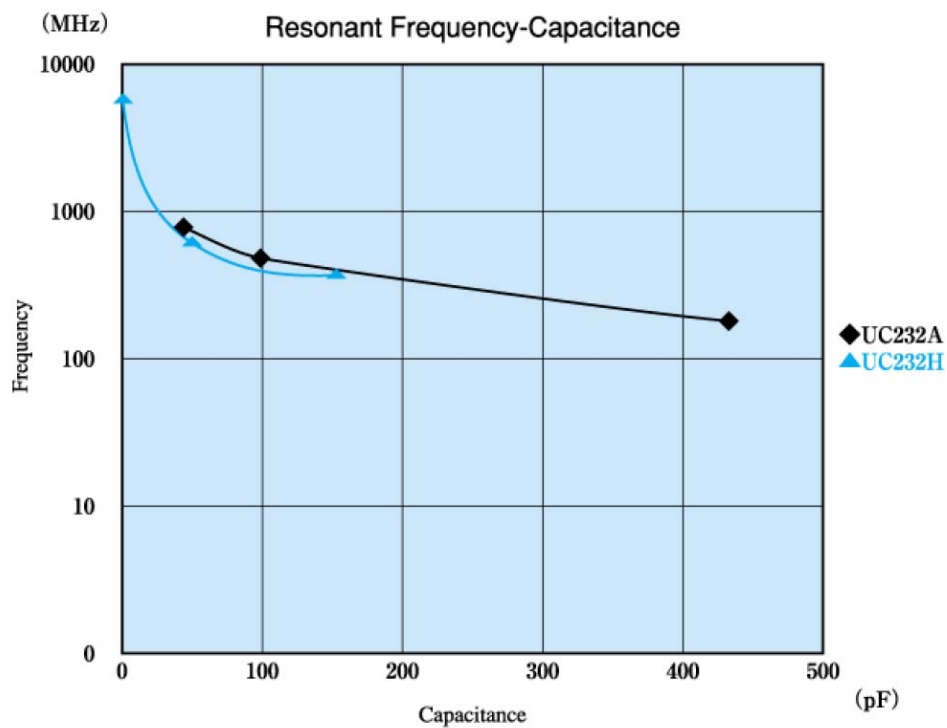
UC23 Type



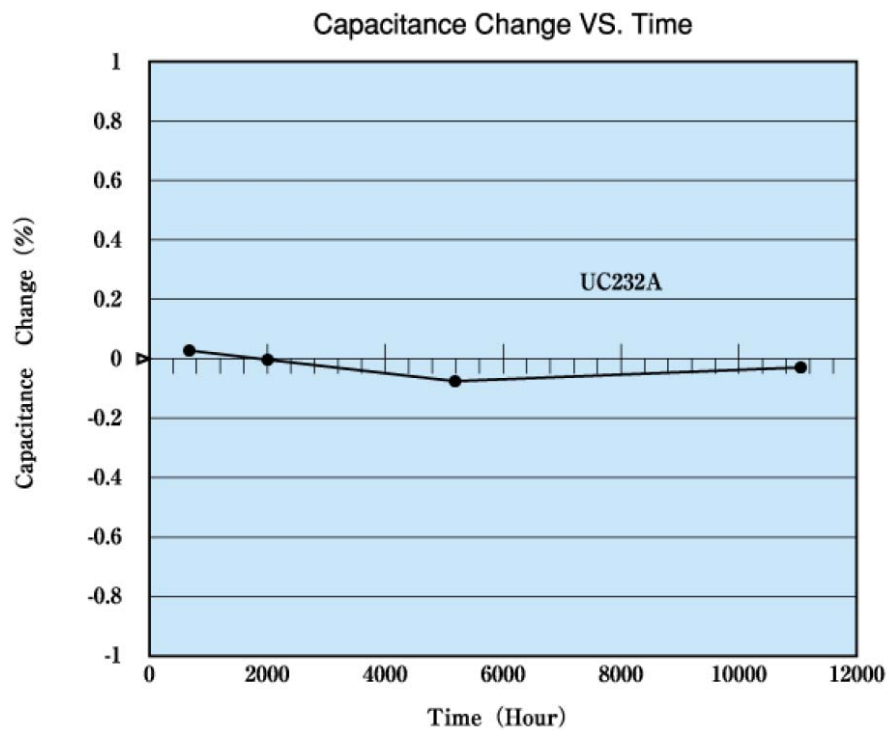
Data1 [Passing power VS. Rise of Temperature]



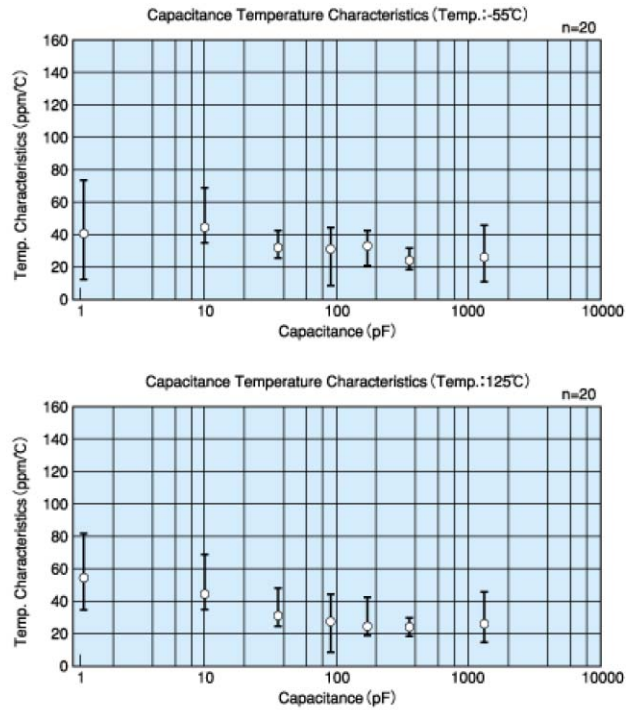
Data2 [Resonant Frequency]



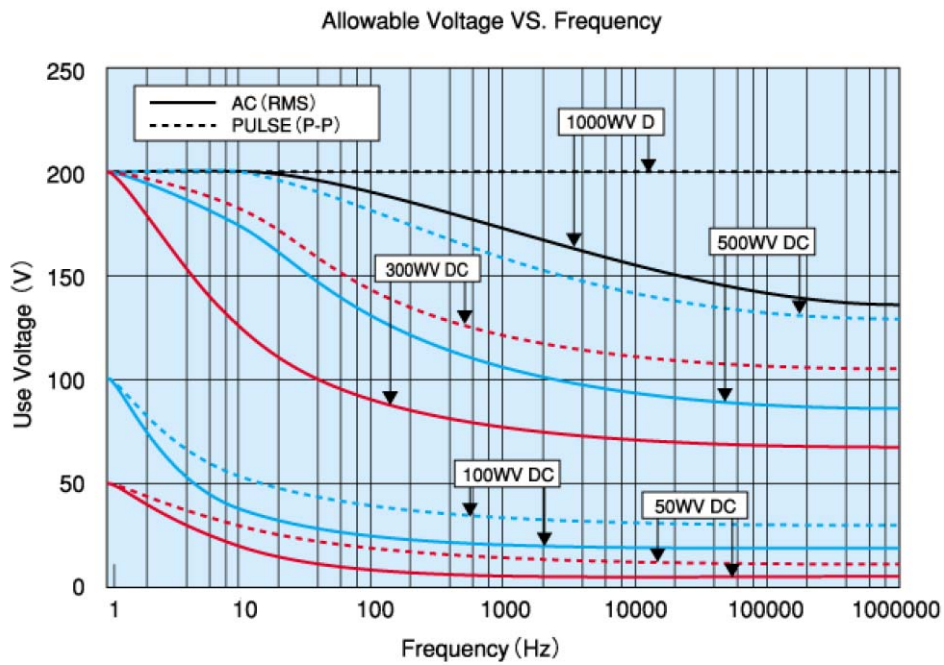
Data3 [Long-term stability in capacitance]



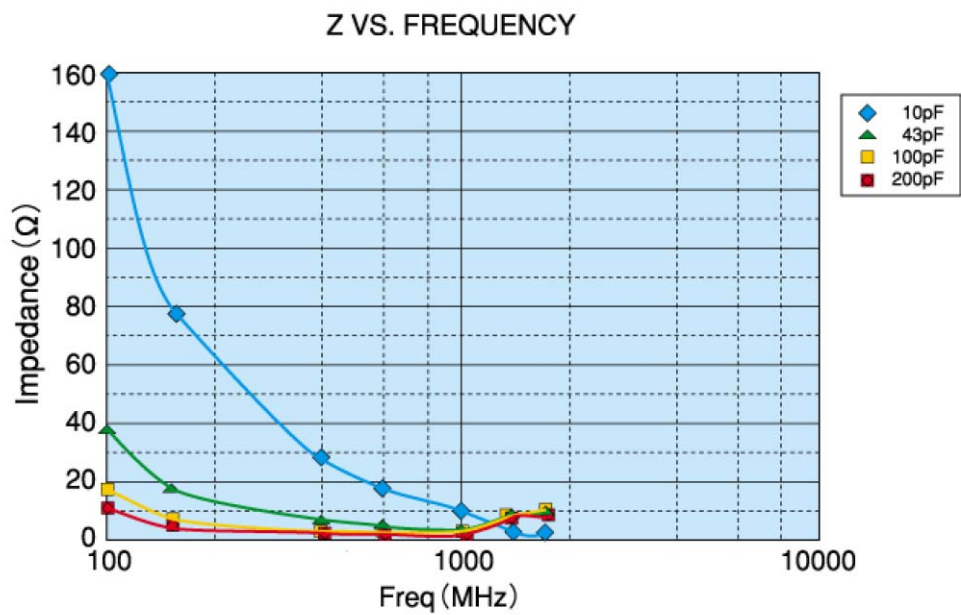
Data4 [Temperature coefficient of capacitance](-55 Deg.C/+125 Deg.C)



Data5 [Operating voltage VS.Frequency]



Data6 [Impedance VS. Frequency]



Data7 [ESR VS. Frequency]

