

UC12 Type Chip Mica Capacitor 2x1.25 size

Superior RF characteristics with low temperature coefficient
 High accuracy with less aging deterioration
 (Contact us if you need non-standard capacitance tolerance)

Applications

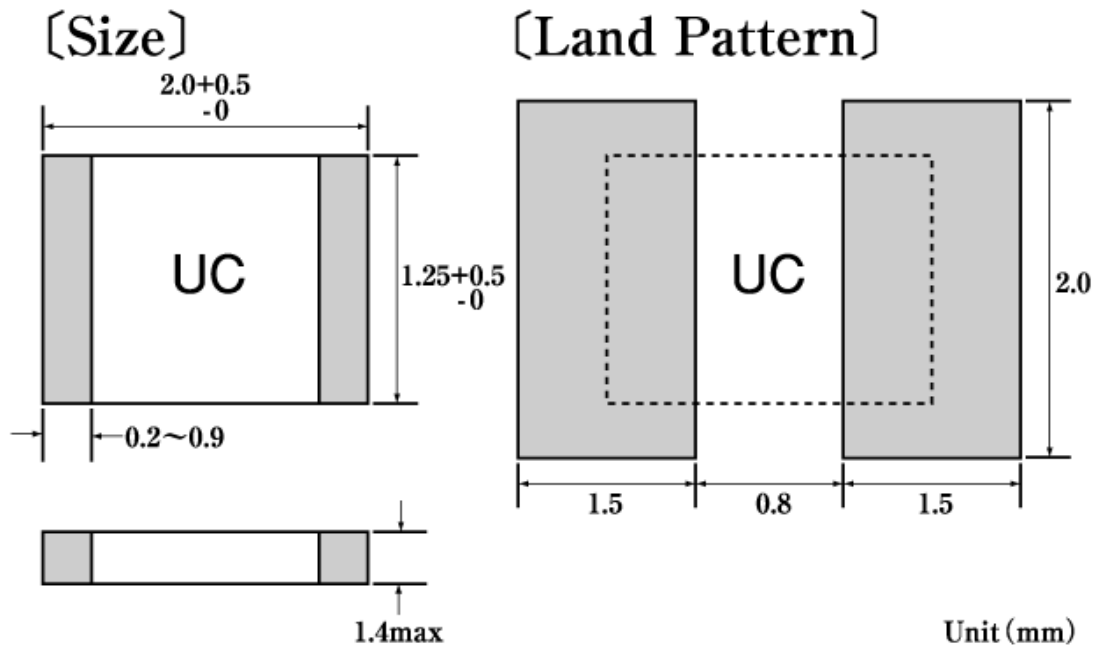
For adjusting power supply circuit

Specifications

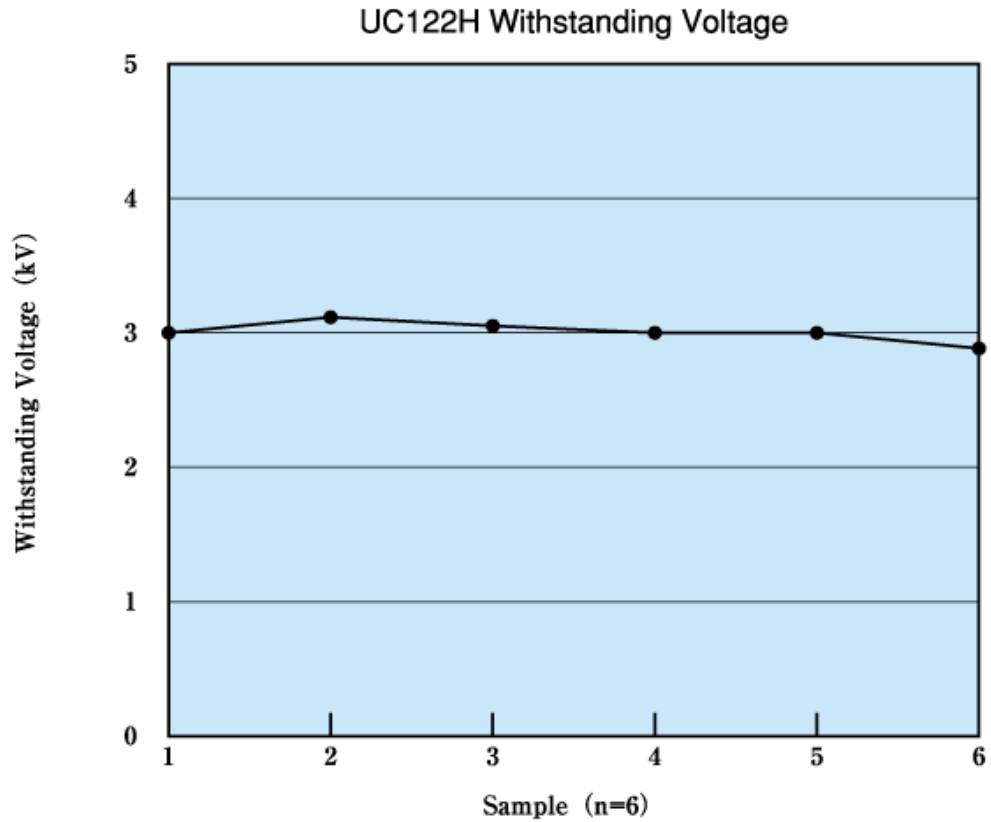
Ordering Cord:UC122A0150J (-T)						
UC	Chip Mica Capacitor: UC Series					
12	Size(mm) L:2.0 W:1.25 T:1.6(max)					
2A	Rated Voltage 2A:100WVDC 2H:500WVDC					
150	Nominal Capacitance (pF) Exa.:0150-->15pF 0010-->1pF					
	Capacitance Range 2A:0.5-100pF 2H:0.5-20pF					
	0.5pF up to 10pF/0.1pF Step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

Land Pattern & Dimensions

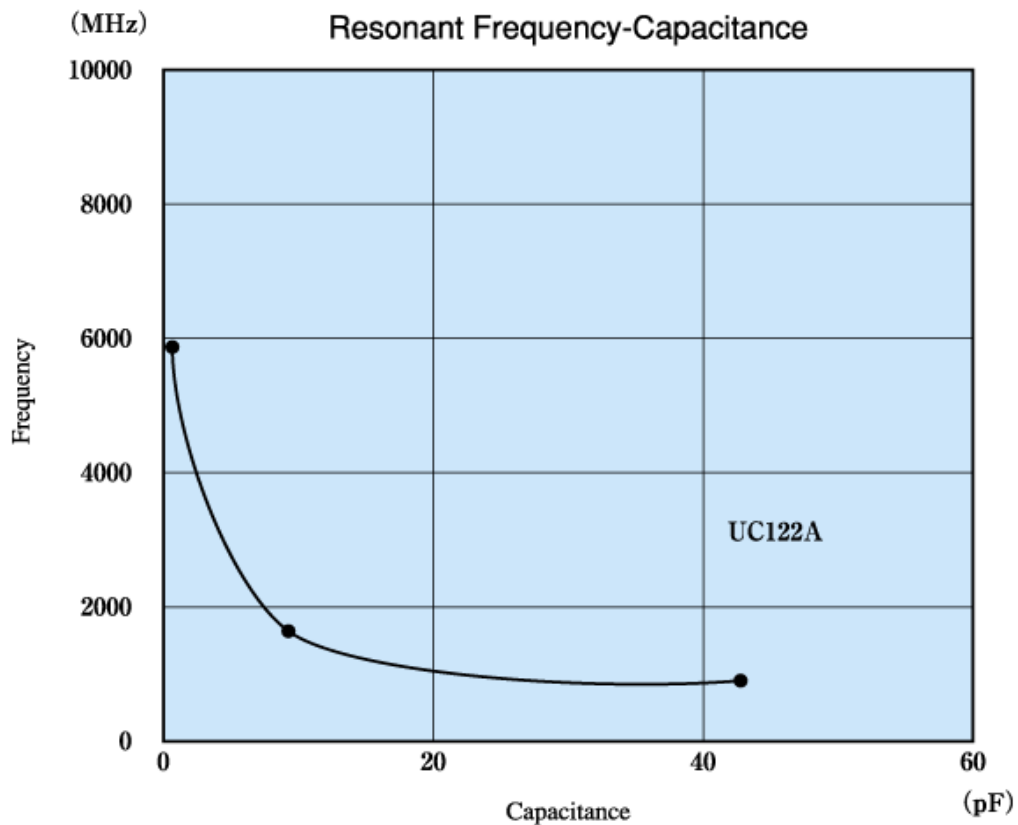
UC12 Type



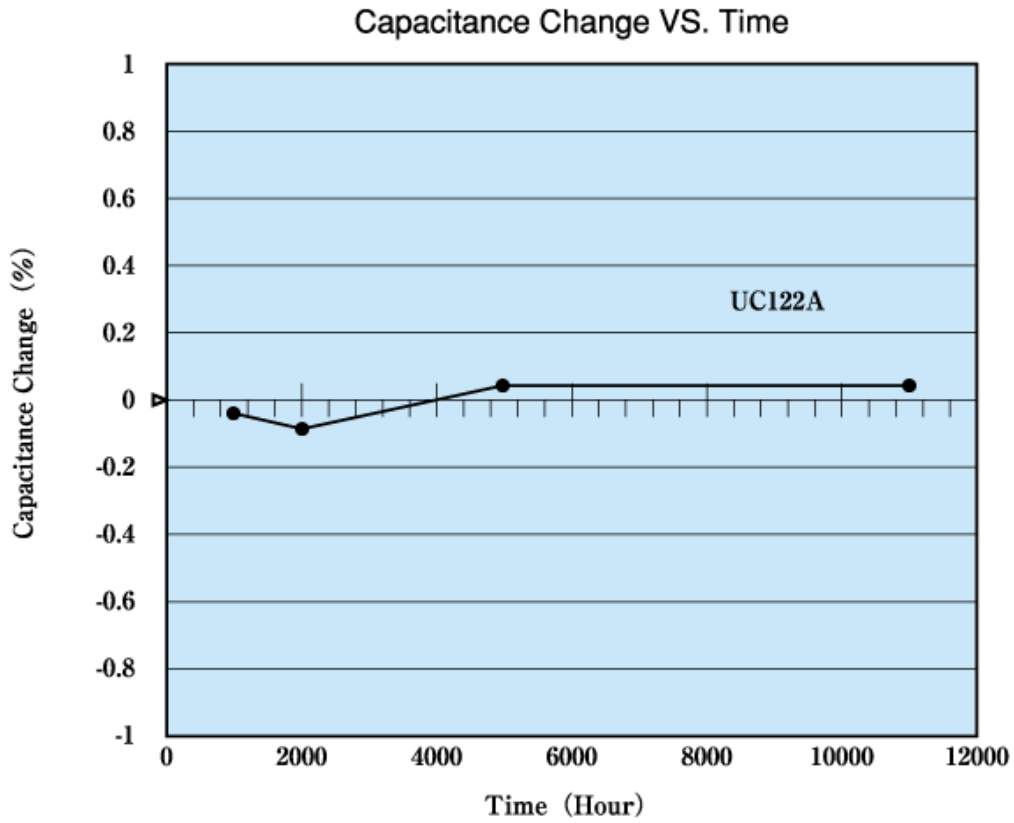
Characteristics 1 Temperature vs. Passing power



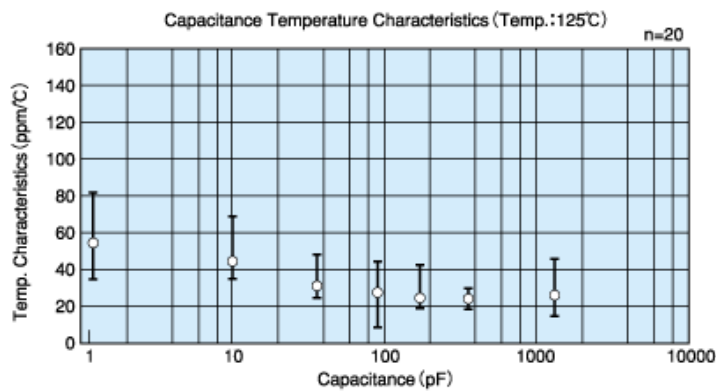
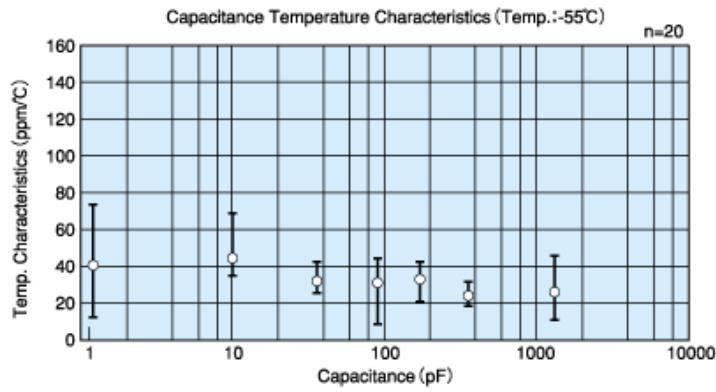
Characteristics 2 Resonant Frequency



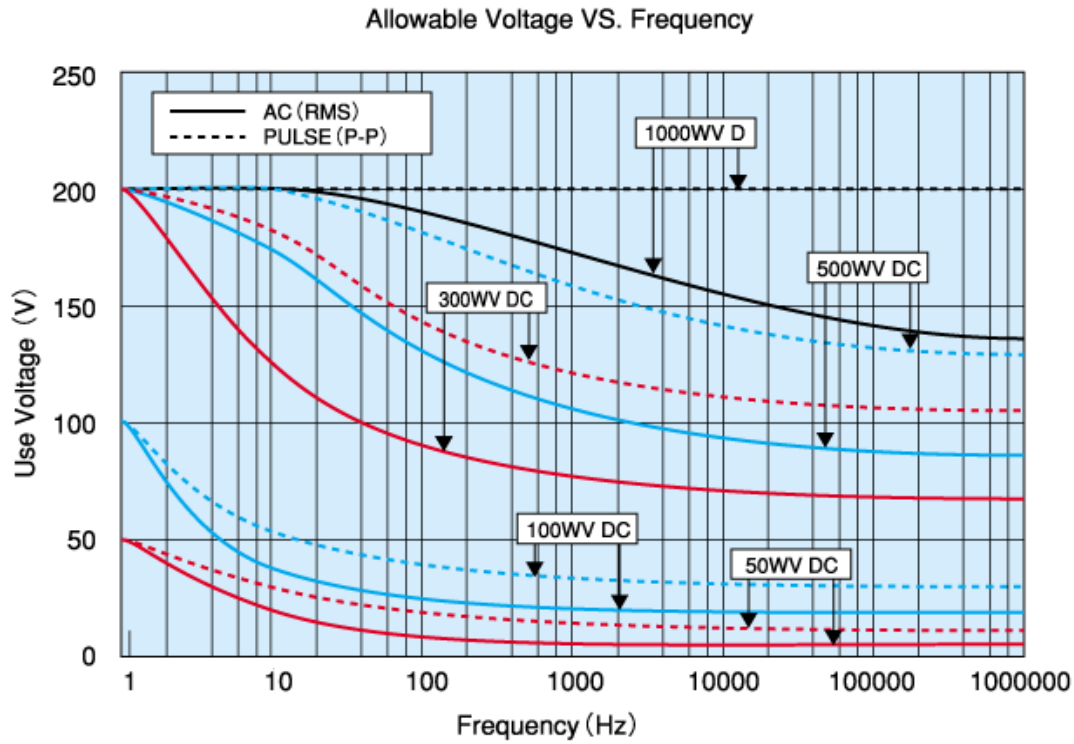
Characteristics 3 Capacitance change vs. Time



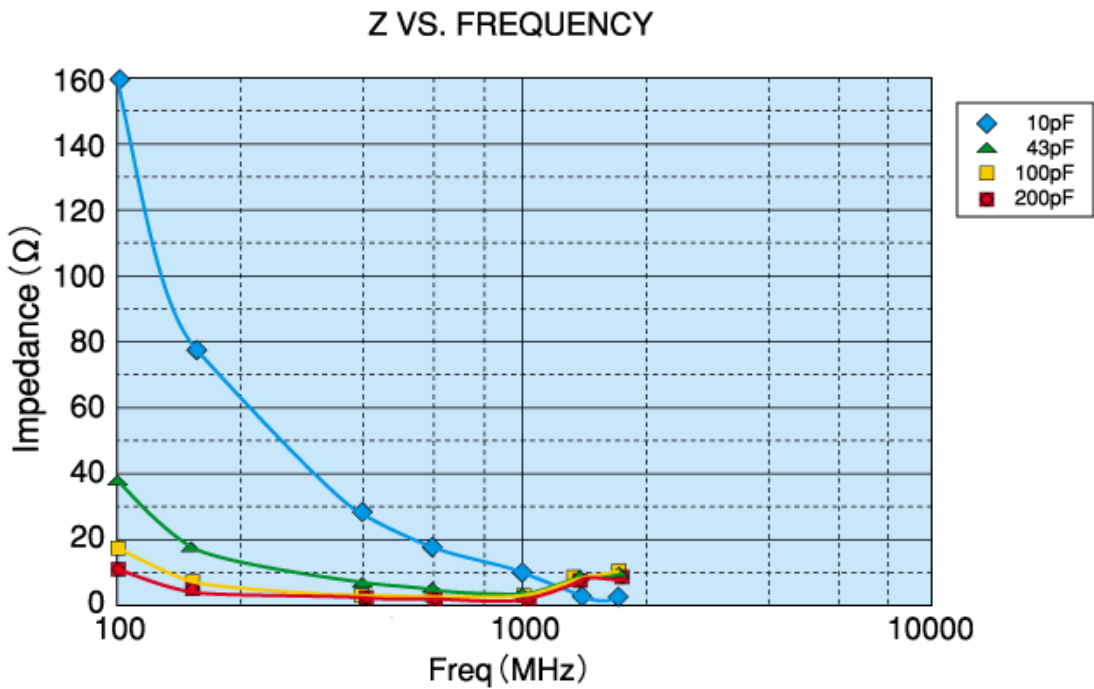
Characteristics (Common) 1 Capacitance vs. Temperature (-55°C-125°C)



Characteristics (Common) 3 Allowable Voltage vs. Frequency



Characteristics (Common) 4 Frequency vs. Impedance



Characteristics (Common) 5 ESR vs. Frequency

