

UC55 Type Chip Mica Capacitor 5.7x5 Size

Superior RF characteristics with high withstanding voltage
 High accuracy with low temperature coefficient
 (Contact us if you need non-standard capacitance tolerance)

Applications

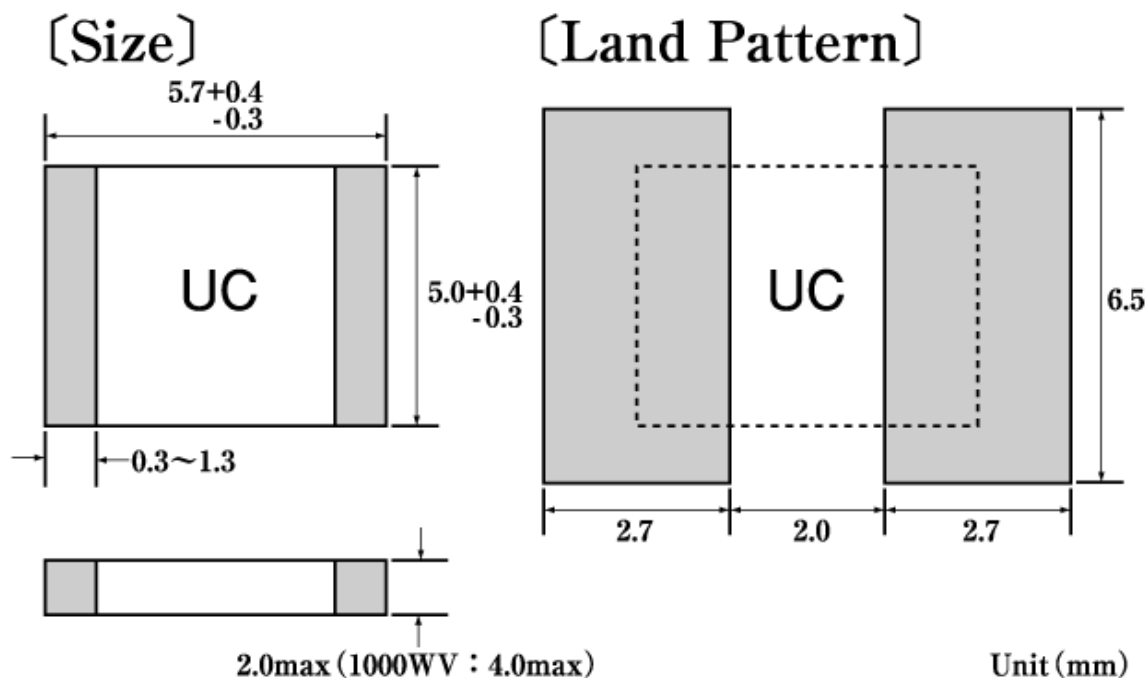
Power circuit of wireless devices, RF power amplifier

Specifications

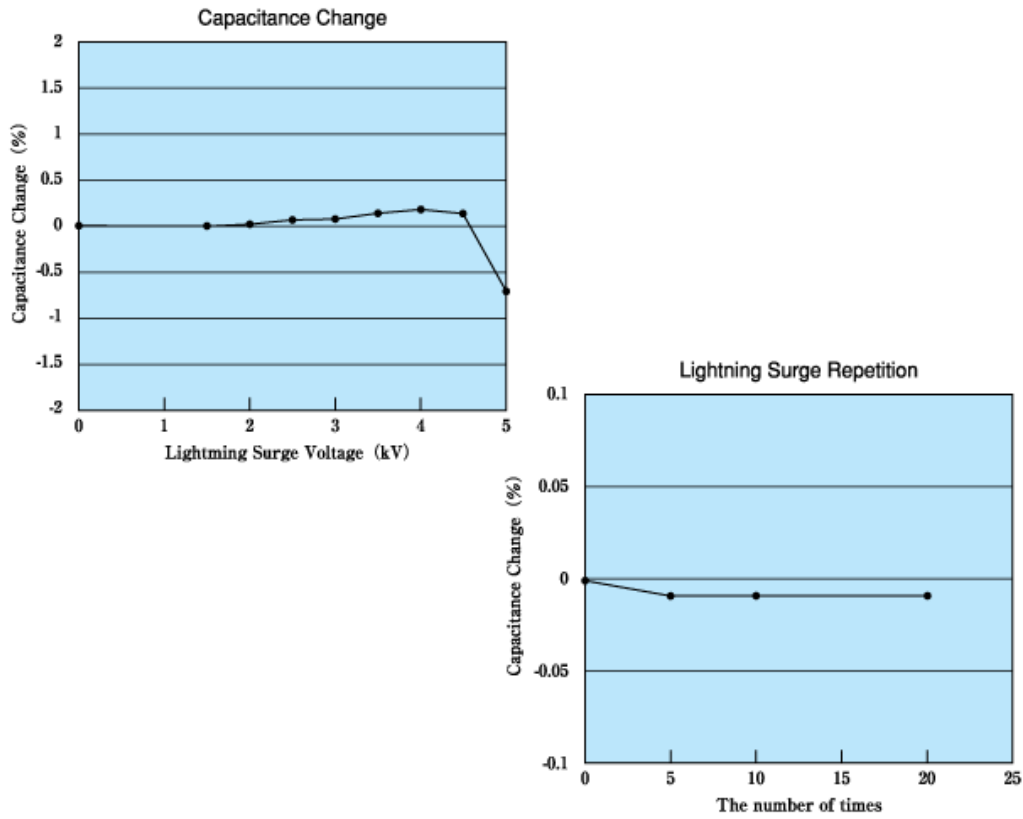
Ordering Cord:UC5532A1501J (-T)							
UC	Chip Mica Capacitor						
55	Size(mm) L:5.7 W:5 T:2 or 4 (max) [T=4mm:1000V Typ]						
3A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC						
1501	Nominal Capaciance (pF) Exa.:1501-->1500pF 1511-->1510pF						
	Capacitance Range 2A:821-2200pF 2H:471-1200pF 3A:50.5-1500pF						
	10pF up to 100pF/0.5pF Step						
	101pF up to 1000pF/1pF Step						
J	Capacitance (pF)		Tolerance				
			C	D	F	G	J
	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							
Insuration Resistance 10x10 ⁴ M ohm min							

Land Pattern & Dimensions

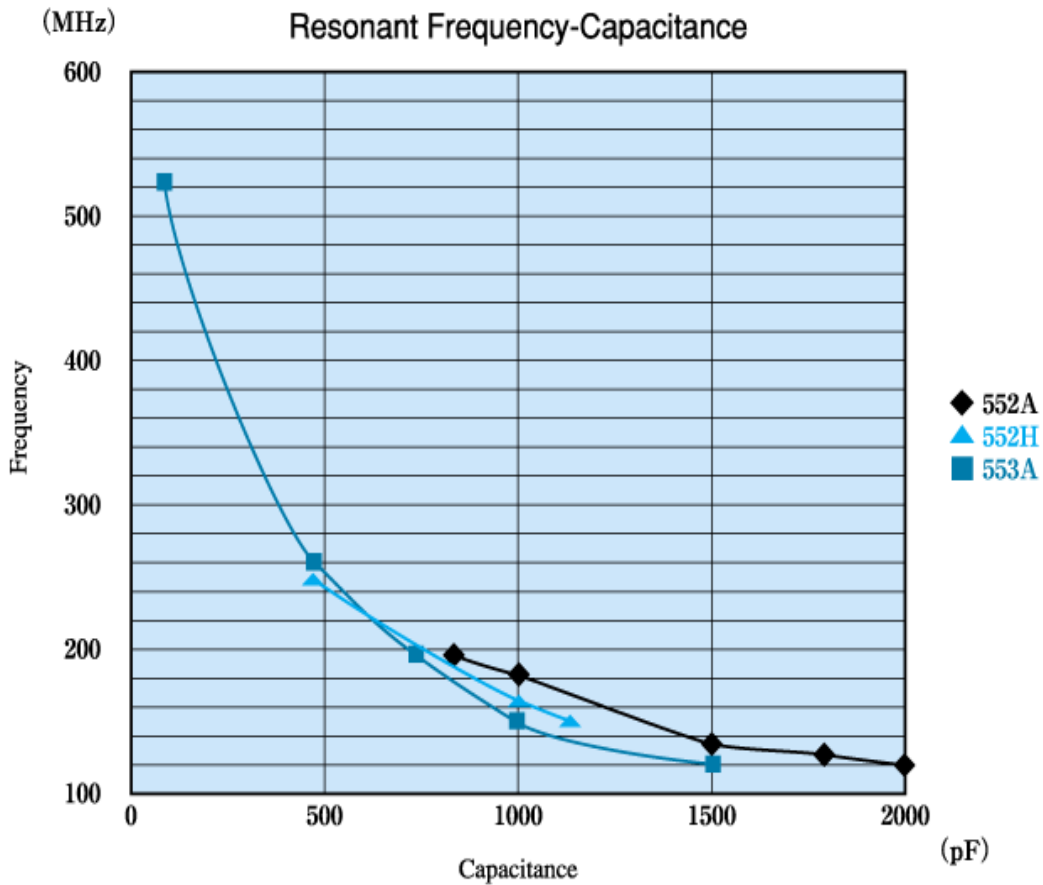
UC55 Type



Characteristics 1 Capacitance change against lightning surge

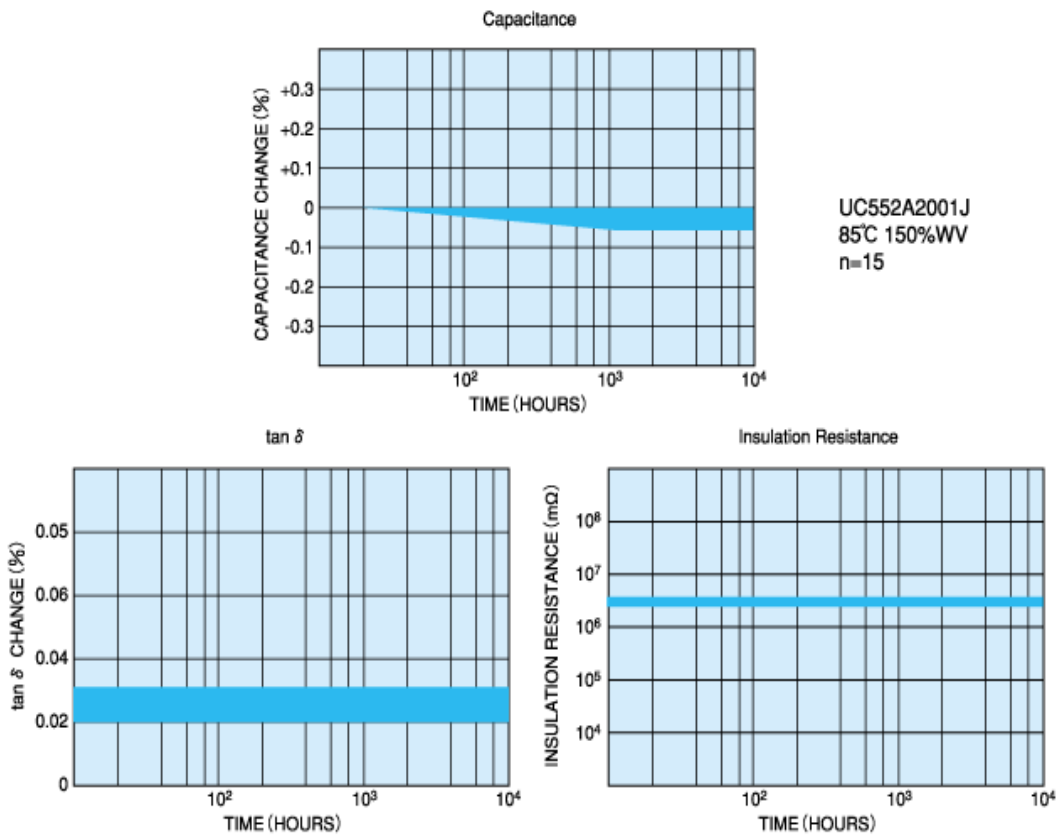


Characteristics 2 Resonant Frequency

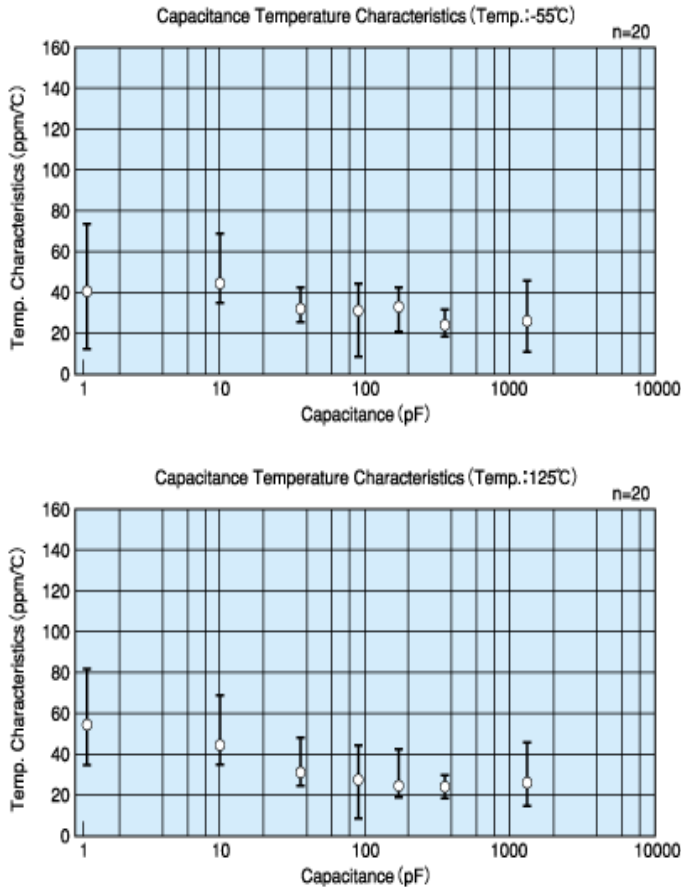


Characteristics 3 Reduction in long-term stability at high temperature]

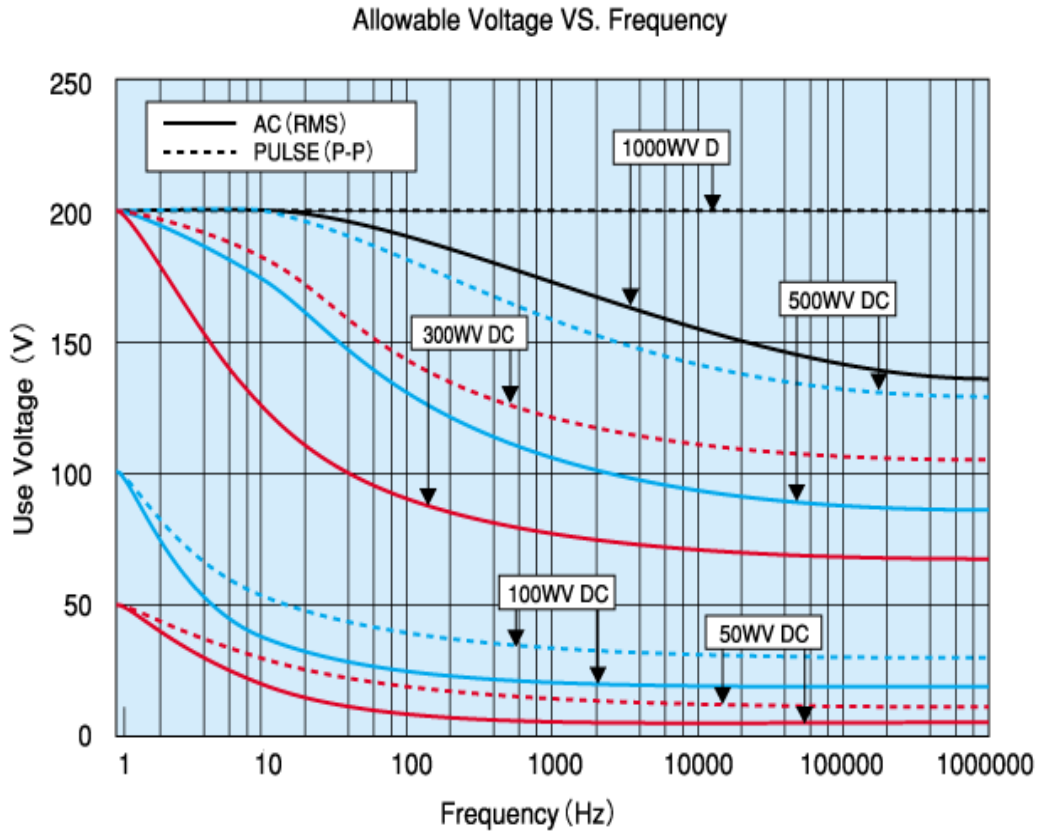
Change by High Temperature Load.



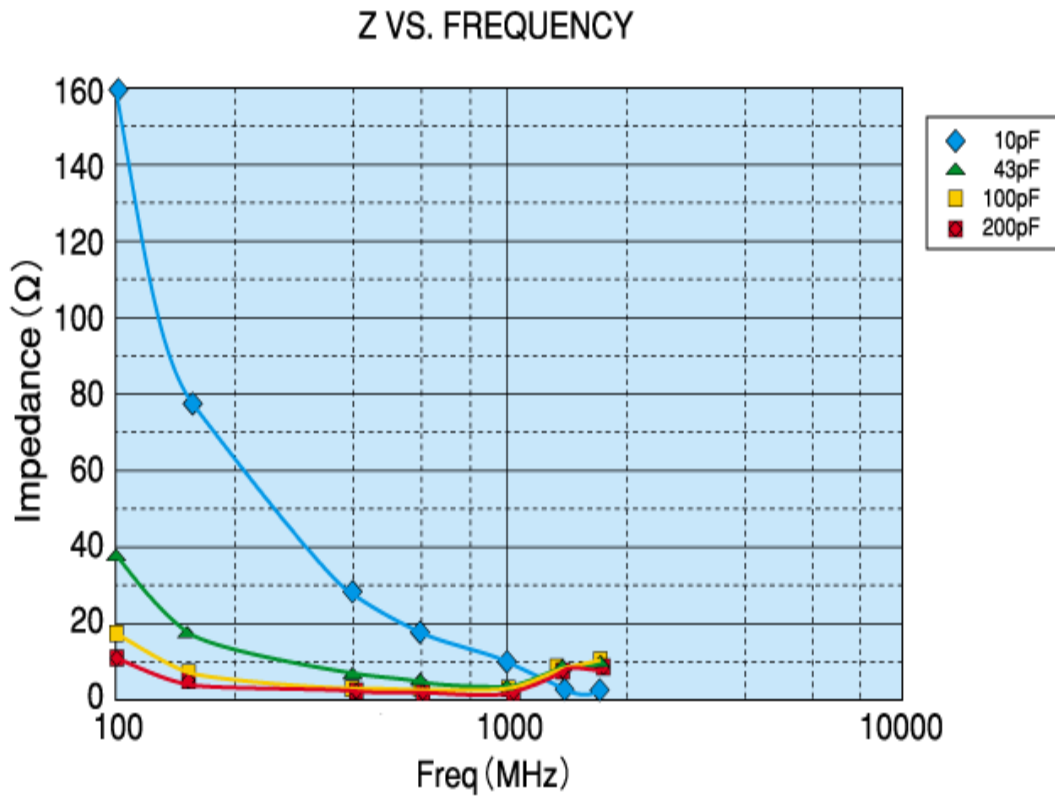
Characteristics (Common) 1 Capacitance vs. Temperature (-55°C-125°C)



Characteristics (Common) 3 Allowable Voltage vs. Frequency



Characteristics (Common) 4 Frequency vs. Impedance



Characteristics (Common) 5 ESR vs. Frequency

