

## 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

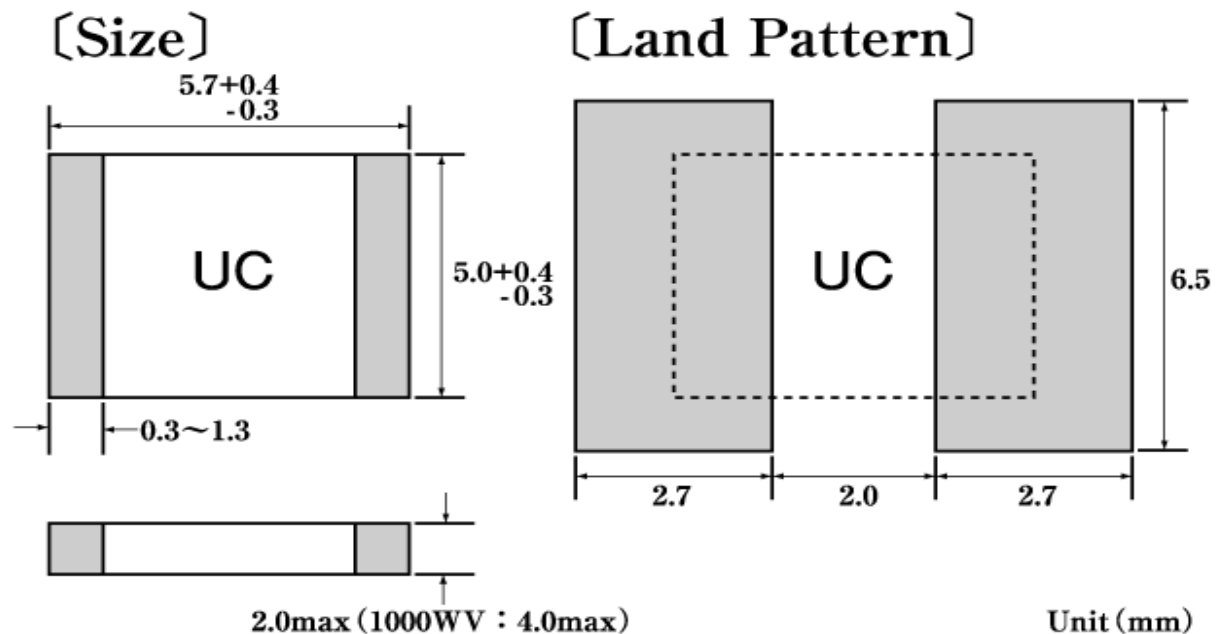
Power circuit of wireless devices, RF power amplifier

### Specifications

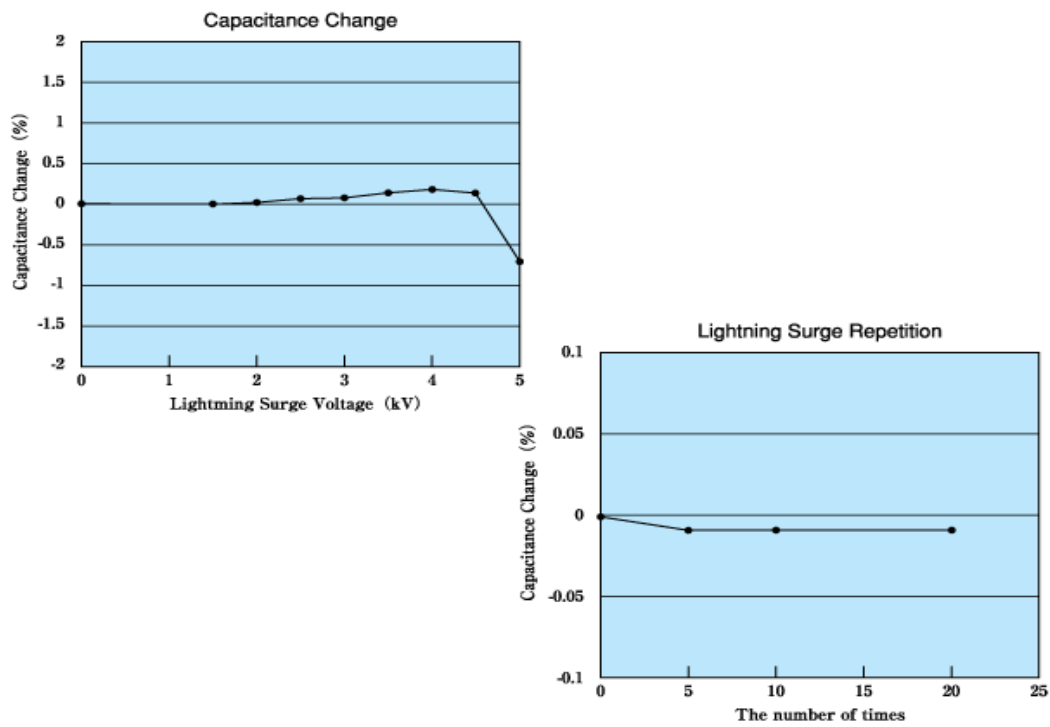
Ordering Cord:UC5532A1501J (-T)					
UC	Chip Mica Capacitor				
55	Size(mm) L:5.7 W:5 T:2 or 4 (max) [T=4mm:1000V Typ]				
3A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC				
1501	Nominal Capaciance (pF) Exa.:1501-->1500pF 1511-->1510pF				
	Capacitance Range 2A:821-2200pF 2H:471-1200pF 3A:50.5-1500pF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

### Land Pattern & Dimensions

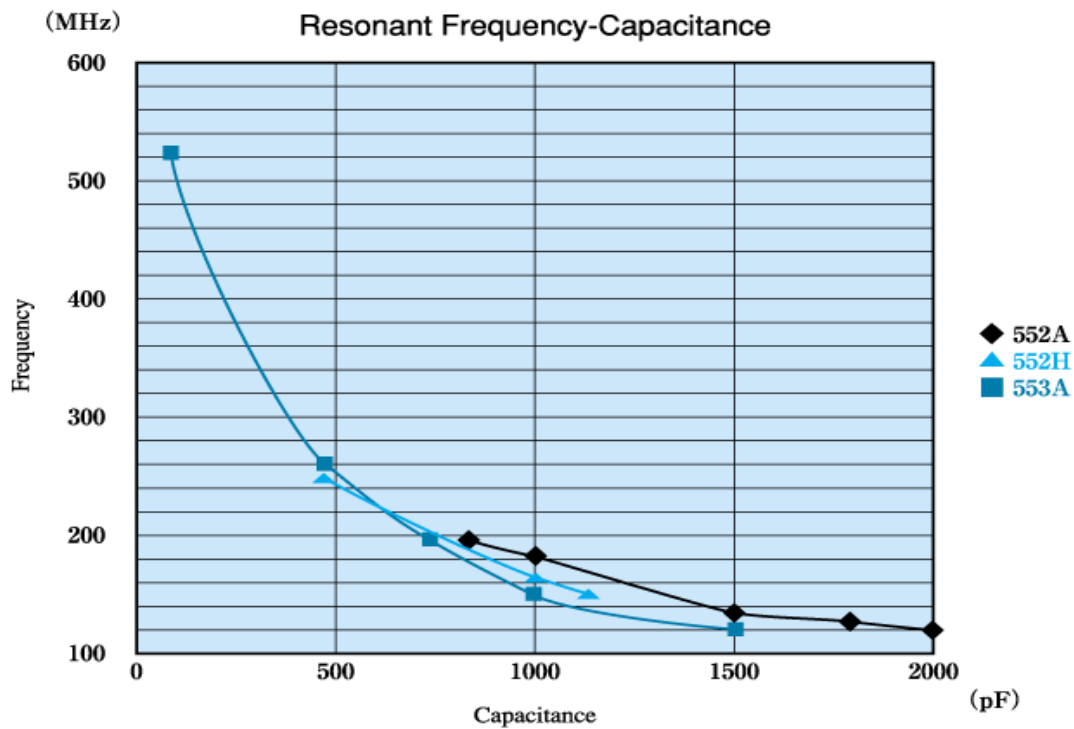
## UC55 Type



## Characteristics 1 Capacitance change against lightning surge

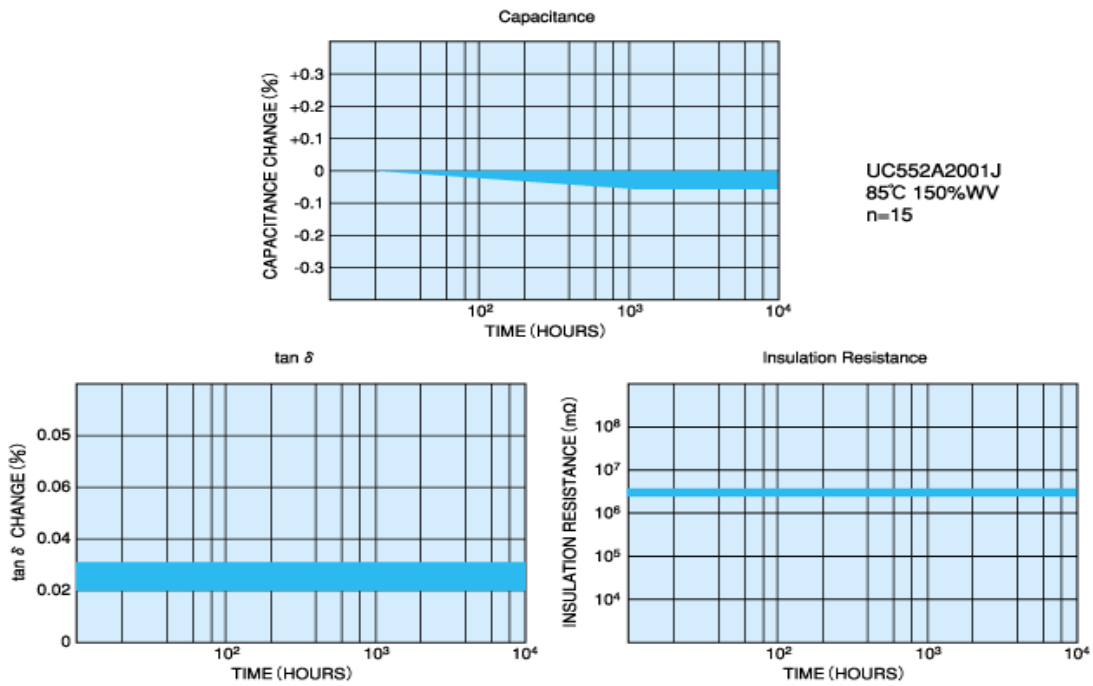


## Characteristics 2 Resonant Frequency



### 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)

