UC34 Type Chip Mica Capacitor 4.5x3.2 Size

Superior RF characteristics with high withstanding volt
High accuracy with less aging deterioration
(Contact us if you need non-standard capacitance tolerance)

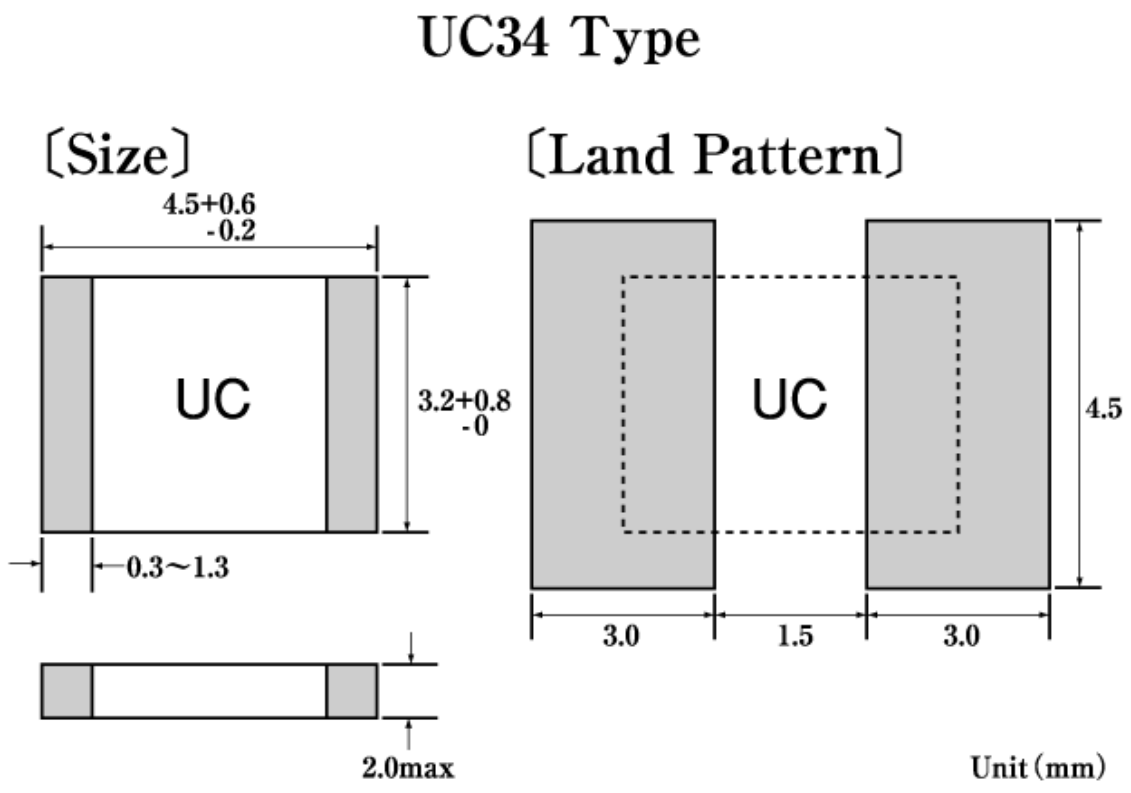
Applications

Power circuit of wireless devices, RF power amplifier

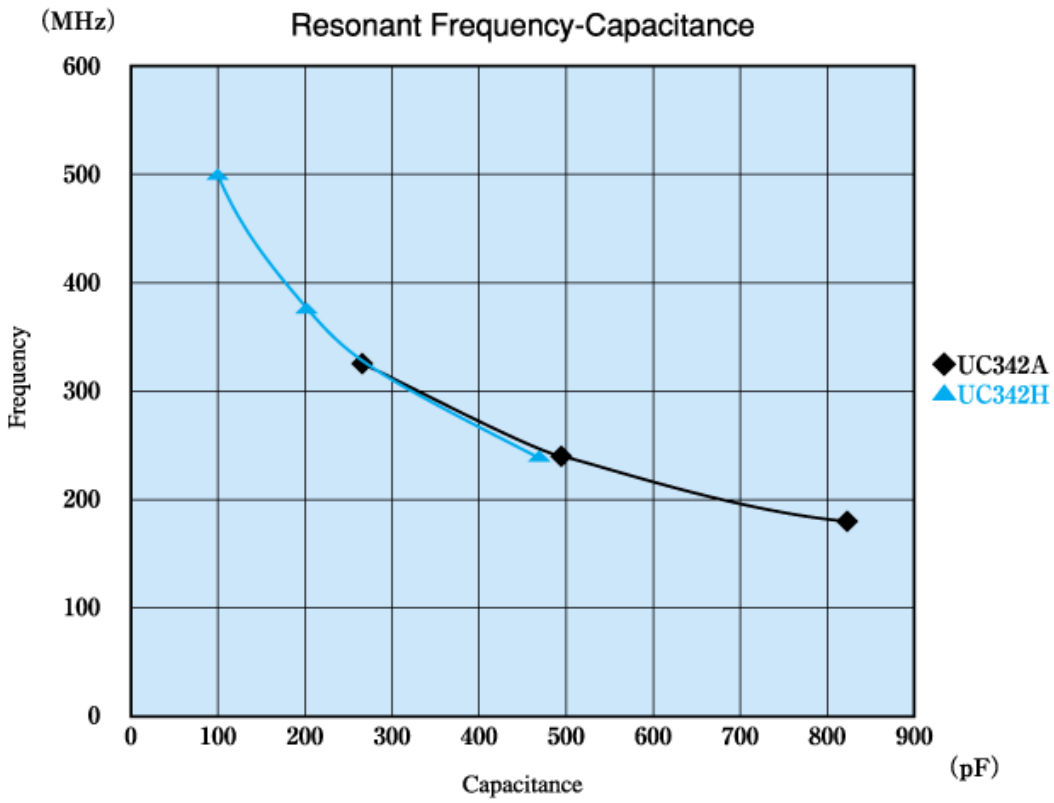
Specifications

Ordering Cord:UC342A4700J (-T)						
UC	Chip Mica Capacitor:UC Series					
34	Size(mm) L:4.5 W:3.2 T:2(max)					
2A	Rated Voltage 2A:100WVDC 2H:500WVDC					
4700	Nominal Capaciance (pF) Exa.:4700-->470pF 0150-->15pF					
	Capacitance Range 2A:241-820pF 2H:91.5-470pF					
	10pF up to 100pF/0.5pF Step					
	101pF up to 1000pF/1pF Step					
J	Capacitance (pF)	Tolerance				
		C	D	F	G	J
	91.5-100	+/-0.25pF	+/-0.5%	+/-1%	+/-2%	+/-5%
	101-820			+/-1%	+/-2%	+/-5%
(-T)	Taping UC34 : 1000pcs/Reel					
Temperature Coefficient 0-50ppm/Deg.C						
Operating Temperature Range -55 up to +125Deg.C						
Insuration Resistance $10x10^4$M ohm min						

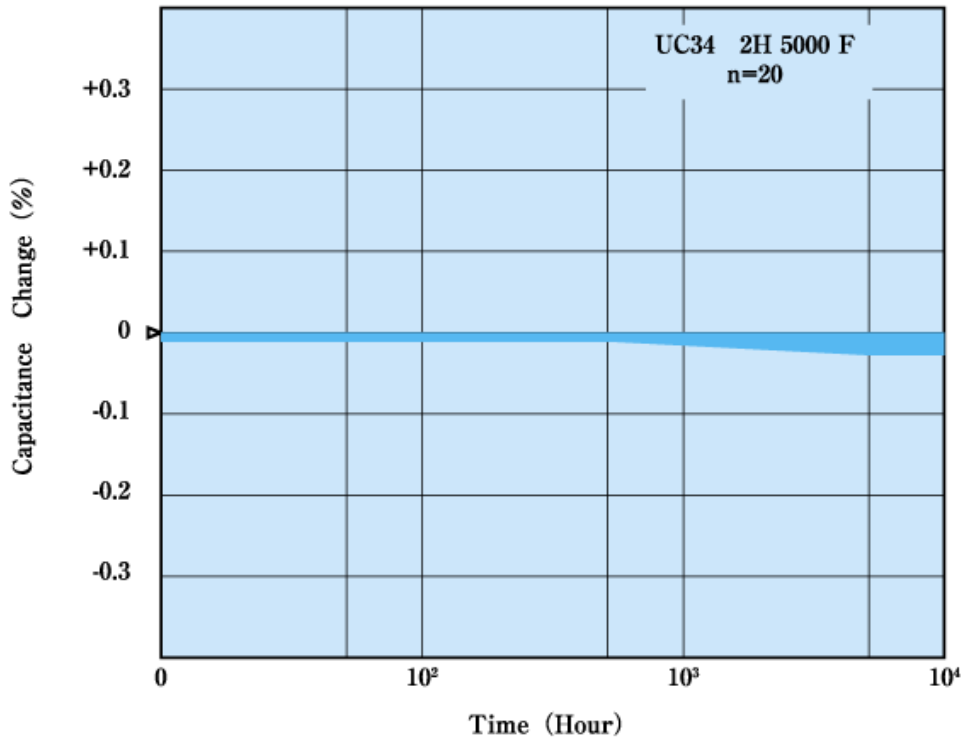
Land Pattern & Dimensions



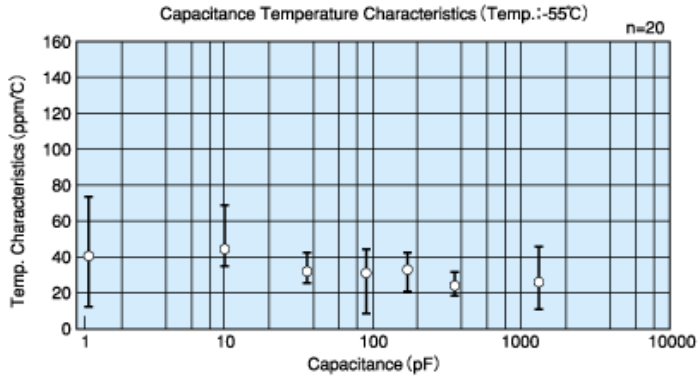
Characteristics 2 Resonant Frequency

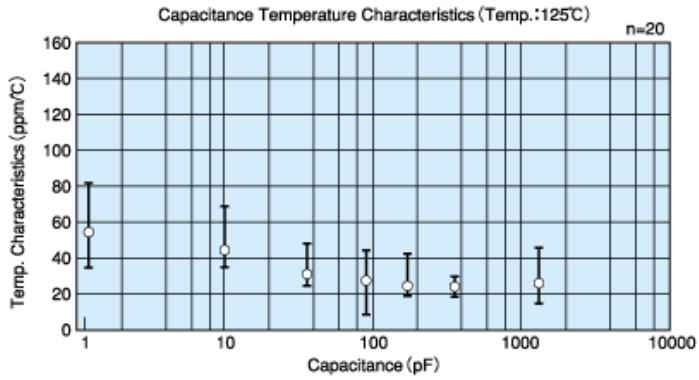


Characteristics 3 Capacitance change vs. Time

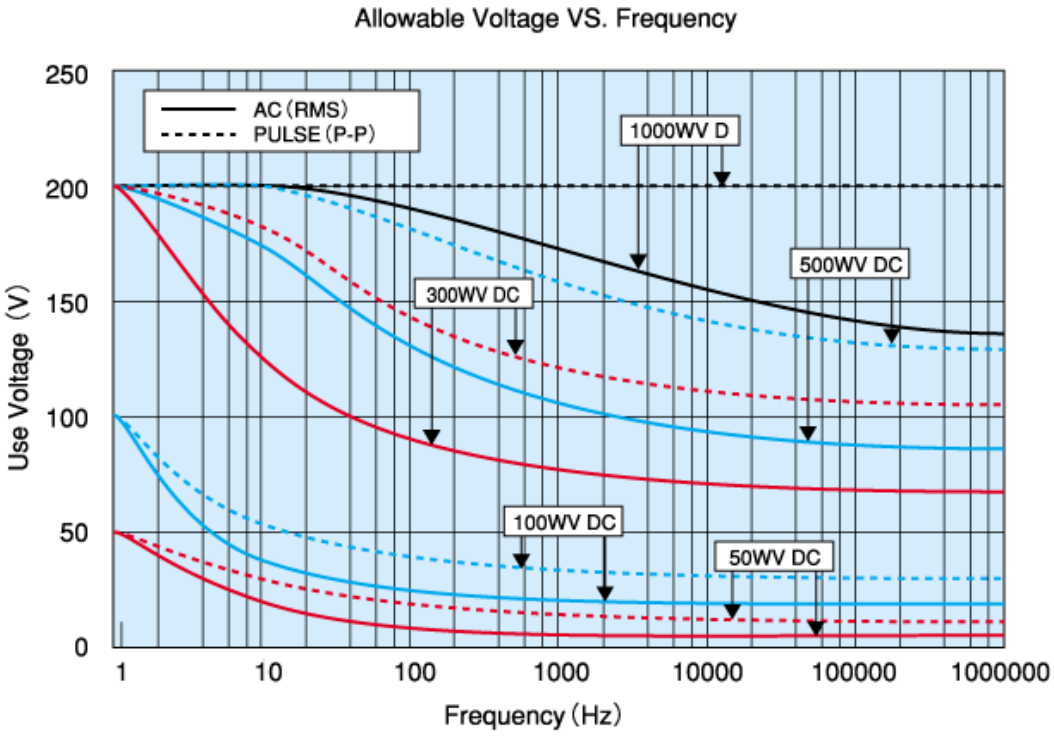


Characteristics (Common) 1 Capacitance vs. Temperature（-55℃-125℃）

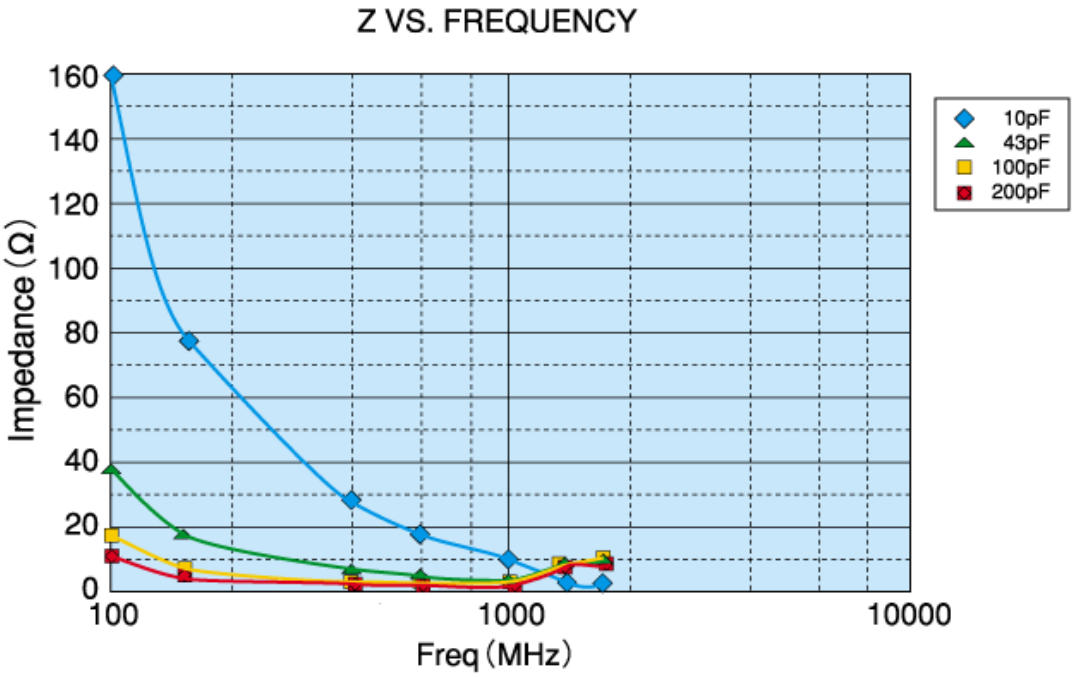




Characteristics (Common) 3 Allowable Voltage vs. Frequency



Characteristics (Common) 4 Frequency vs. Impedance



Characteristics (Common) 5 ESR vs. Frequency