

Chip Mica Capacitor : Specification

Ordering Code

UC

Series

23

Type

2H

Rated Voltage

(2A=100WV
2H=500WV
3A=1000WV)

1500

Capacitance

(0010=1pF
01R5=1.5pF
0150=15pF
1500=150pF
1501=1500pF)

J

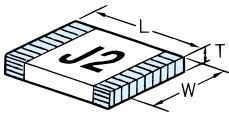
Tolerance

(B=±0.1pF
C=±0.25%(or pF)
D=±0.5%(or pF)
F=±1%(or pF)
G=±2%
J=±5%)

(-T)

Taping

Specs



(Unit : mm)

Size	L	W	Tmax	Capacitance Range		
				100WV	500WV	1000WV
UC12	2.0 ^{+0.5} ₋₀	1.25 ^{+0.5} ₋₀	1.6	0.5~100pF	0.5~20pF	-
UC23	3.2 ^{+0.6} _{-0.1}	2.5 ^{+0.6} _{-0.1}	2.0	43.5~430pF	0.5~150pF	0.5~50pF
UC34	4.5 ^{+0.6} _{-0.2}	3.2 ^{+0.8} ₋₀	2.0	241~820pF	91.5~470pF	-
UC55	5.7 ^{+0.4} _{-0.3}	5.0 ^{+0.4} _{-0.3}	4.0	821~2200pF	471~1200pF	50.5~1500pF

Operating temperature range -55 up to +125 Deg.C

Insulation resistance 10 X 10⁴ M ohm min.

Capacitance Range (pF)	Tolerance					
	B	C	D	F	G	J
0.5~5.0	±0.1pF	±0.25pF	±0.5pF	-	-	-
5.5~10.0	-	±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%
50.5~99.5	-	±0.25pF	±0.5%	±1%	±2%	±5%
100~	-	±0.25%	±0.5%	±1%	±2%	±5%

Capacitance Step

Capacitance Range	Steps
0.5pF ≤ C ≤ 10pF	0.1pF Step
10pF < C ≤ 100pF	0.5pF Step
100pF < C ≤ 1000pF	1pF Step
1000pF < C ≤ 2200pF	10pF Step

Quantity / Reel

Type	Quantity / Reel
UC12	3000pcs.
UC23	3000pcs.
UC34	1000pcs.
UC55	1000pcs.

Temperature coefficient

Capacitance Range (pF)	Temperature coefficient (ppm / Deg.C)
1 ≤ C ≤ 10	0~200
10 < C ≤ 30	0~100
30 < C	0~50