

5.5mmL Chip Type, Bi-Polarized









• Applicable to automatic mounting machine fed with carrier tape.

• Compliant to the RoHS directive (2011/65/EU).

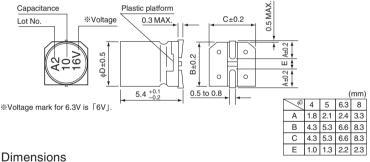




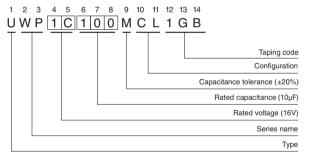
■Specifications

Item	Performance Characteristics									
Category Temperature Range	-40 to +85°C									
Rated Voltage Range	6.3 to 50V									
Rated Capacitance Range	0.1 to 100μF									
Capacitance Tolerance	±20% at 120Hz, 20°C									
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.05CV or 10 (µA) ,whichever is greater.									
	Measurement frequency : 120Hz at 20°C									
Tangent of loss angle (tan δ)	Rated voltage (V)	6.3	1	0	16	25	3	5	50	
	tan δ (MAX.)	0.24	0.2	20	0.17	0.17	0.	5 50 15 0.15 nent frequency : 120Hz 35 50 2 2 3 3 1 ± 20% of the initial capacitan		
	Measurement frequency : 120Hz									
O. 1.17	Rated	oltage (V)		6.3	10	16	25	35	50	
Stability at Low Temperature	Impedance ratio	Z-25°C / Z+	-20°C	4	3	2	2	2	2	
	ZT / Z20 (MAX.)	Z-40°C / Z+	-20°C	8	6	4	4	3	3	
Endurance	The specifications when the capacitor rated voltage is apwith the polarity inv	s are restored olied for 1000	l to 20°0 hours a	C after the t 85°C	tan δ					
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.									
Resistance to soldering heat	The capacitors are is maintained at 25 characteristic requiremoved from the page 25.	0°C. The capa rements listed	citors s acitors s	hall meet t t when the	he	tan δ	Capacitance change Within ± 10% of the initial capacitance			to the initial specified value
Marking	Black print on the case top.									

■Chip Type



Type numbering system (Example: 16V 10µF)



■ Dimensions

	V	6.	.3	1	0	1	6	2	5	3	15	5	0
Cap. (µF)	Code	0	J	1	A	1	С	1	E	1	V	1	Н
0.1	0R1				 		 					4	1.0
0.22	R22				 		i I				İ	4	2.0
0.33	R33						 				ļ !	4	2.8
0.47	R47						 					4	4.0
1	010				i I		İ				į	4	8.4
2.2	2R2						 			4	8.4	5	13
3.3	3R3				 		 	5	12	5	16	5	17
4.7	4R7				l I	4	12	5	16	5	18	6.3	20
10	100			4	17	5	23	6.3	27	6.3	29	8	36
22	220	5	28	6.3	33	6.3	37	8	50	8	54		
33	330	6.3	37	6.3	41	6.3	49	8	61		i I		
47	470	6.3	45	8	61	8	75						Rated
100	101	8	82				l I					Case size φD (mm)	ripple

Frequency coefficient of rated ripple current

			1-1	-	
Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more
Coefficient	0.70	1.00	1.17	1.36	1.50

- Taping specifications are given in page 23.
- Recommended land size, soldering by reflow are given in page 18, 19.
- Please select UUN(p.160) if high C/V products are reqired. • Please refer to page 3 for the minimum order quantity.

Rated ripple current (mArms) at 85°C 120Hz