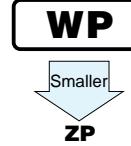




5.5mmL Chip Type, Bi-Polarized



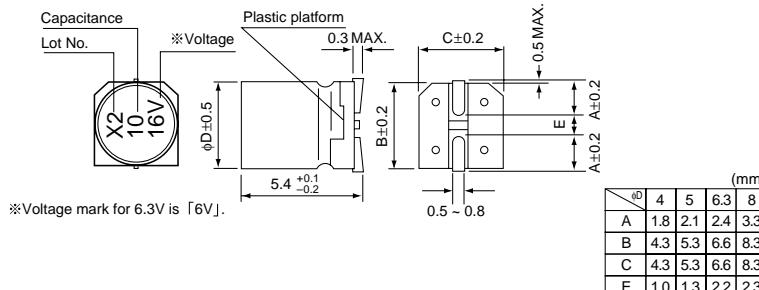
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine using carrier tape.



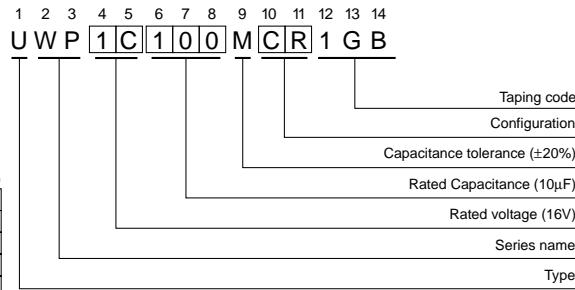
■ Specifications

Item	Performance Characteristics								
Category Temperature Range	-40 ~ +85°C								
Rated Voltage Range	6.3 ~ 50V								
Rated Capacitance Range	0.1 ~ 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.								
tan δ	Measurement frequency : 120Hz, Temperature : 20°C								
	Rated voltage (V)	6.3	10	16	25	35	50		
	tan δ (MAX.)	0.24	0.20	0.17	0.17	0.15	0.15		
Stability at Low Temperature	Measurement frequency : 120Hz								
	Rated voltage (V)	6.3	10	16	25	35	50		
	Impedance ratio Z-25°C / Z+20°C	4	3	2	2	2	2		
	ZT / Z00 (MAX.) Z-40°C / Z+20°C	8	6	4	4	3	3		
Endurance	After 1000 hours' application of rated voltage at 85°C with the polarity inverted every 250 hours, capacitors meet the characteristic requirements listed at right.				Capacitance change	Within ±20% of initial value			
					tan δ	200% or less of initial specified value			
					Leakage current	Initial specified value or less			
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for endurance characteristics listed above.								
Resistance to soldering heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds. After removing from the hot plate and restored at room temperature, they meet the characteristic requirements listed at right.								
Marking	Black print on the case top.								

■ Chip Type



Type numbering system (Example : 16V 10μF)



• The lead-free product is also available upon request.

In this case, [] will be put at 11th digit of type numbering system.

■ Dimensions

Cap. (μF)	Code	6.3		10		16		25		35		50	
		V	Code	V	Code								
0.1	0R1												4
0.22	R22												2.0
0.33	R33												2.8
0.47	R47												4.0
1	010												4
2.2	2R2												13
3.3	3R3												17
4.7	4R7							4	12	5	16	5	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				
47	470	6.3	45	8	61	8	75						
100	101	8	82										

Rated Ripple (mA rms) at 85°C 120Hz

● Frequency coefficient of rated ripple current

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

• Taping specifications are given in page 22.

• Recommended land size are given in page 23

• Please refer to page 3 for the minimum order quantity.