



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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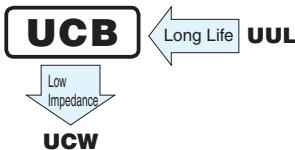
UCB

Chip Type, Long Life Assurance



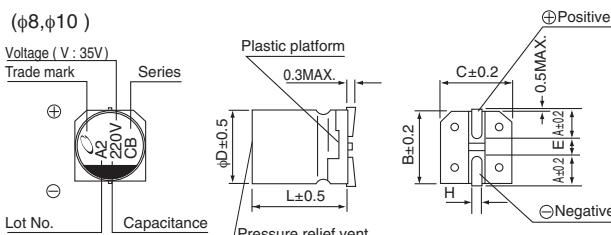
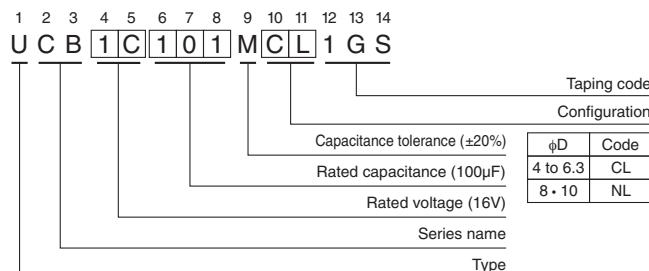
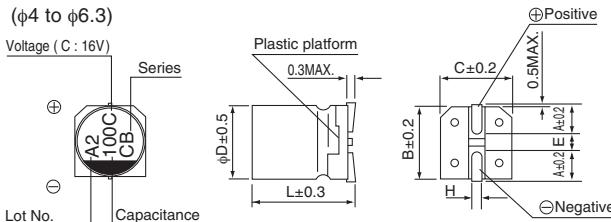
- Chip type with load life of 7000 hours at +105°C.
- Applicable to automatic mounting machine fed with carrier tape.
- Compliant to the RoHS directive (2011/65/EU).

Values marked with an \ast in the dimension table are scheduled to be discontinued and are not recommended for new designs.



■ Specifications

■ Chip Type



$\phi D \times L$	4 x 7	5 x 7	6.3 x 7	6.3 x 8.7	8 x 10	10 x 10
A	1.8	2.1	2.4	2.4	2.9	3.2
B	4.3	5.3	6.6	6.6	8.3	10.3
C	4.3	5.3	6.6	6.6	8.3	10.3
E	1.0	1.3	2.2	2.2	3.1	4.5
L	7.0	7.0	7.0	8.7	10	10
H	0.5 to 0.8	0.5 to 0.8	0.5 to 0.8	0.5 to 0.8	0.8 to 1.1	0.8 to 1.1

Voltage						
V	6.3	10	16	25	35	50
Code	i	A	C	E	V	H

- Dimension table in next page.

UCB

■Dimensions

Cap.(μ F)	V	6.3		10		16		25		35		50	
		Code	0J	1A	1C	1E	1V	1H					
0.1	0R1									※4×7	1.0		
0.22	R22									※4×7	2.6		
0.33	R33									※4×7	3.2		
0.47	R47									※4×7	3.8		
1	010									4×7	6.2		
2.2	2R2									4×7	11		
3.3	3R3									4×7	14		
4.7	4R7									4×7	15		
10	100					4×7	18			5×7	25		
22	220	4×7	22			5×7	30			6.3×7	42		
33	330			5×7	35				6.3×7	48	6.3×8.7	57	8×10
47	470	5×7	36			6.3×7	50	6.3×8.7	63				8×10
100	101	6.3×7	60			6.3×8.7	81	8×10	116				10×10
220	221	6.3×8.7	101	8×10	141						10×10	216	
330	331	8×10	160										
470	471					10×10	254						Case size ΦD×L (mm)
1000	102	10×10	313										Rated ripple

Rated ripple current (mA rms) at 105°C 120Hz

● Frequency coefficient of rated ripple current

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 refer to page 3 for the minimum order quantity.