

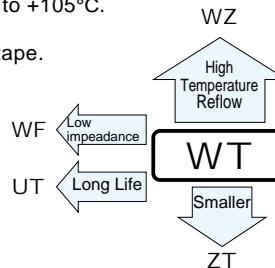
ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

WT Chip Type, Wide Temperature Range series



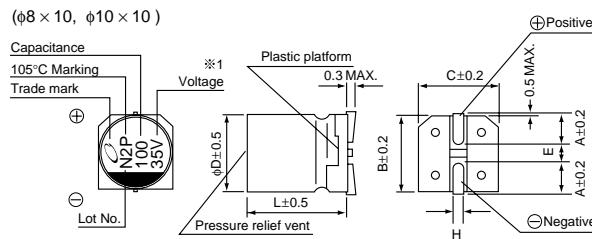
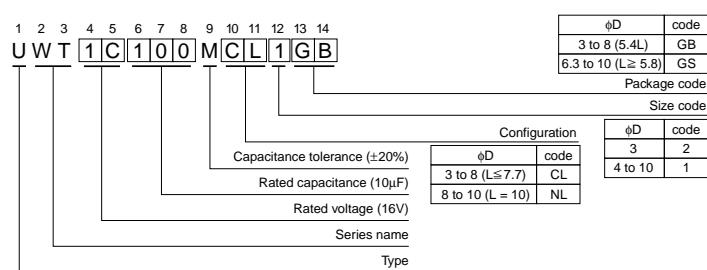
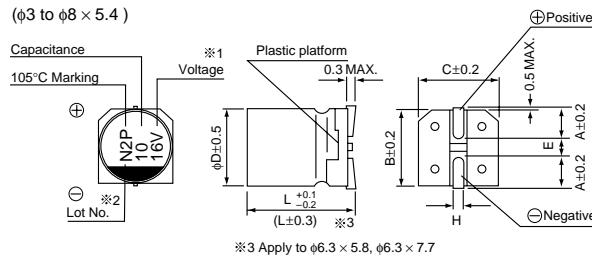
- Chip type operating over wide temperature range of to -55 to +105°C.
 - Designed for surface mounting on high density PC board.
 - Applicable to automatic mounting machine fed with carrier tape.
 - Compliant to the RoHS directive (2002/95/EC).



■ Specifications

■ Chip Type

Type numbering system (Example : 16V 10μF)



$\phi D \times L$	3×5.4	4×5.4	5×5.4	6.3×5.4	6.3×5.8	6.3×7.7	8×5.4	8×10	10×10
A	1.5	1.8	2.1	2.4	2.4	2.4	3.3	2.9	3.2
B	3.3	4.3	5.3	6.6	6.6	6.6	8.3	8.3	10.3
C	3.3	4.3	5.3	6.6	6.6	6.6	8.3	8.3	10.3
E	0.8	1.0	1.3	2.2	2.2	2.2	2.3	3.1	4.5
L	5.4	5.4	5.4	5.4	5.8	7.7	5.4	10	10
H	0.5 to 0.8	0.5 to 0.8	0.5 to 0.8	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

*1. Voltage mark for 6.3V is "6V". In case of marking for ϕ 3 units, "V" for rated voltage is omitted.
*2. In case of marking for ϕ 3 units, Lot No is expressed by a digit (month code).

*2. In case of marking for $\phi 3$ units. Lot No is expressed by a digit (month code)

- Dimension table in next page.

CAT.8100Z

■Dimensions

Cap. (μF)	V	4	6.3	10	16	25	35	50
	Code	0G	0J	1A	1C	1E	1V	1H
0.1	0R1							$4 \times 5.4(3)$ 1.0
0.22	R22							$4 \times 5.4(3)$ 2.6
0.33	R33							$4 \times 5.4(3)$ 3.2
0.47	R47							$4 \times 5.4(3)$ 3.8
1	010							$4 \times 5.4(3)$ 6.3 (5.9)
2.2	2R2						3×5.4 7.5	$4 \times 5.4(3)$ 11 (9)
3.3	3R3						3×5.4 9	4×5.4 14
4.7	4R7					$4 \times 5.4(3)$ 13 (10)	4×5.4 15	5×5.4 19
10	100				$4 \times 5.4(3)$ 18 (14)	5×5.4 23	5×5.4 25	6.3×5.4 30
22	220	4×5.4	22	4×5.4	22	5×5.4 27	5×5.4 30	6.3×5.4 38
33	330	5×5.4	30	5×5.4	30	5×5.4 35	6.3×5.4 40	6.3×5.4 48
47	470	5×5.4	36	5×5.4	36	6.3×5.4 46	6.3×5.4 50	$\bullet 8 \times 5.4$ 66 (59)
100	101	6.3×5.4	60	6.3×5.4	60	6.3×5.4 60	6.3×7.7 91	6.3×7.7 84
150	151	6.3×5.8	86	6.3×5.8	86	6.3×5.8 86	6.3×7.7 95	8×10 140
220	221	$\bullet 8 \times 5.4$	102 (91)	$\bullet 8 \times 5.4$	102 (91)	6.3×7.7 105	6.3×7.7 105	8×10 155
330	331	6.3×7.7	105	6.3×7.7	105	8×10 195	8×10 195	8×10 190
470	471	8×10	210	8×10	210	8×10 210	8×10 230	10×10 300
680	681	8×10	210	8×10	210	10×10 310	10×10 310	
1000	102	8×10	230	8×10	230	10×10 310		
1500	152	10×10	310	10×10	310			Case size φD × L (mm) Rated ripple

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

() is also available with φ3mm upon request. In such a case, [2] will be put at 12th digit of type numbering system.

Size φ6.3 × 5.8 is available for capacitors marked. "•" In such a case, [6] will be put at 12th digit of type numbering system.

● 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 select UX(p.104), UJ(p.108) series if high C/V products are required.
- Please refer to page 3 for the minimum order quantity.