

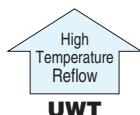
ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

UWZ

Chip Type, Wide Temperature Range
High Temperature (260°C) Reflow

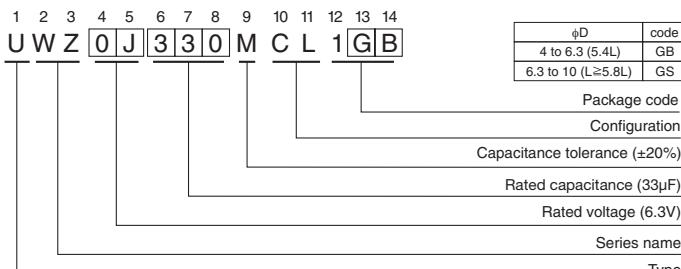
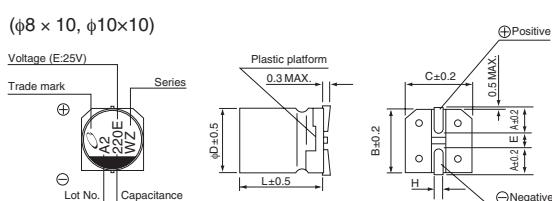
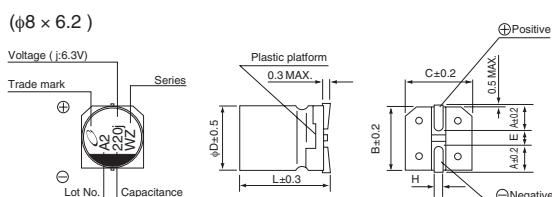
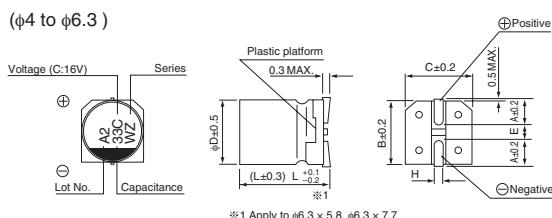
- Corresponding with 260°C peak reflow soldering
Recomended reflow condition : 260°C peak 5 sec 230°C over 60 sec 2 times
(φ8 x 6.2, φ10 x 10 : 1 time)
 - Chip type operating over wide temperature range of to -55 to +105°C.
 - Applicable to automatic mounting machine fed with carrier tape.
 - Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).
 - AEC-Q200 compliant. Please contact us for details.



■ Specifications

■ Chip Type

Type numbering system (Example : 6.3V 33 μ F)



φD × L		4 × 5.4	5 × 5.4	6.3 × 5.4	6.3 × 5.8	6.3 × 7.7	8 × 6.2	8 × 10	10 × 10	(mm)
A		1.8	2.1	2.4	2.4	2.4	3.3	2.9	3.2	
B		4.3	5.3	6.6	6.6	6.6	8.3	8.3	10.3	
C		4.3	5.3	6.6	6.6	6.6	8.3	8.3	10.3	
E		1.0	1.3	2.2	2.2	2.2	2.3	3.1	4.5	
L		5.4	5.4	5.4	5.8	7.7	6.2	10	10	
H		0.5 to 0.8	0.8 to 1.1	0.8 to 1.1						

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

• Dimension table in next page

UWZ

■ Dimensions

Cap. (μF)	V	6.3		10		16		25		35		50	
		Code	0J	Code	1A	Code	1C	Code	1E	Code	1V	Code	1H
1	010												4 × 5.4 6.3
2.2	2R2												4 × 5.4 11
3.3	3R3												4 × 5.4 14
4.7	4R7							4 × 5.4	13	4 × 5.4	15	5 × 5.4	19
10	100					4 × 5.4	18	5 × 5.4	23	5 × 5.4	25	6.3 × 5.4	30
22	220	4 × 5.4	22	5 × 5.4	27	5 × 5.4	30	6.3 × 5.4	38	6.3 × 5.4	42	8 × 6.2	51
33	330	5 × 5.4	30	5 × 5.4	35	6.3 × 5.4	40	6.3 × 5.4	48	8 × 6.2	59	6.3 × 7.7	60
47	470	5 × 5.4	36	6.3 × 5.4	46	6.3 × 5.4	50	8 × 6.2	66	6.3 × 5.8	63	6.3 × 7.7	63
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	8 × 10	140
150	151	6.3 × 5.8	86	6.3 × 5.8	86	6.3 × 7.7	95	8 × 10	140	8 × 10	155	10 × 10	180
220	221	8 × 6.2	102	6.3 × 7.7	105	6.3 × 7.7	105	8 × 10	155	10 × 10	190	10 × 10	220
330	331	6.3 × 7.7	105	8 × 10	195	8 × 10	195	10 × 10	190	10 × 10	300		
470	471	8 × 10	210	8 × 10	210	8 × 10	210	10 × 10	300				
680	681	8 × 10	210	10 × 10	310	10 × 10	310						
1000	102	10 × 10	230	10 × 10	310								
1500	152	10 × 10	310										

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.