

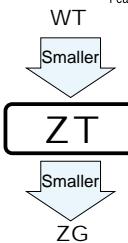
ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

ZT 4.5mmL Chip Type, Wide Temperature Range series

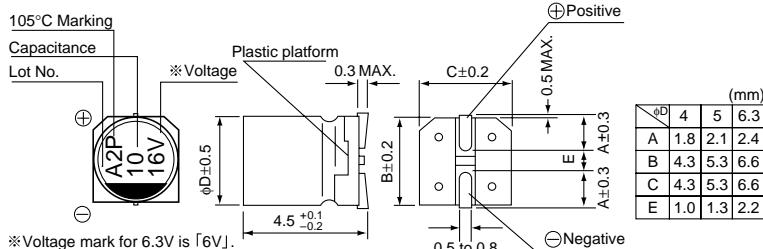


- Chip type with 4.5mm height, operating over wide temperature range of -40 to +105°C.
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine fed with carrier tape.
- Compliant to the RoHS directive (2011/65/EU).

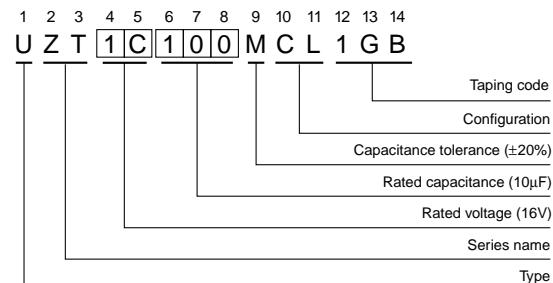


■ Specifications

■ Chip Type



Type numbering system (Example : 16V 10 μ F)



■ Dimensions

Cap. (μF)	V	6.3	10	16	25	35	50
		0J	1A	1C	1E	1V	1H
0.1	0R1						4 0.9
0.22	R22						4 2.2
0.33	R33						4 2.8
0.47	R47						4 3.3
1	010						4 5.4
2.2	2R2						4 9.6
3.3	3R3						4 12
4.7	4R7				4 11 4 13		5 16
10	100			4 16 5 20 5 22		6.3 26	
22	220	4 19 5 24	5 26	6.3 33 6.3 36			
33	330	5 26 5 30	6.3 35 6.3 42				
47	470	5 32 6.3 40	6.3 44				
100	101	6.3 52					Case size Φ D (mm) Rated ripple

Rated ripple current (mArms) at 105°C 120Hz

- Frequency coefficient of rated ripple current

Frequency coefficient of rated ripple current	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.158), UJ(p.164) series if high C/V products are required.
- Please refer to page 3 for the minimum order quantity.

CAT.8100C