

ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

UZG

3.95mmL MAX. Chip Type,
Wide Temperature Range

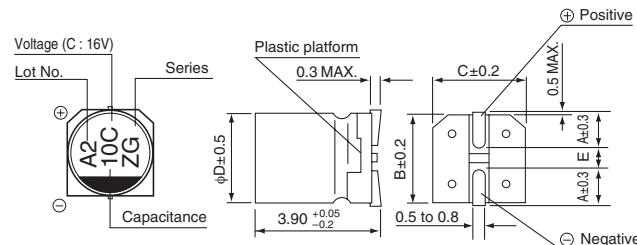


- Chip type with 3.95mmLMAX height. Operating over wide temperature range of -40 to $+105^{\circ}\text{C}$.
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine fed with carrier tape.
- Compliant to the RoHS directive (2011/65/EU).



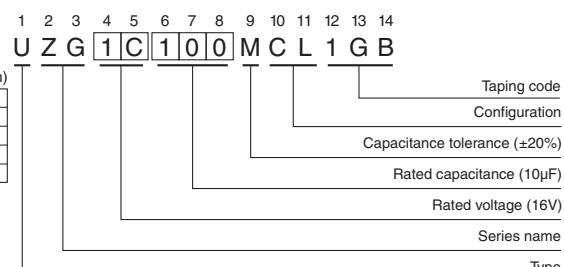
■ Specifications

■ Chip Type



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

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



■ Dimensions

| Cap. (μF) | | V | 6.3 | | 10 | | 16 | | 25 | | 35 | | 50 | |
|-----------|------|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|-----------------------|--------------|
| | Code | | 0J | | 1A | | 1C | | 1E | | 1V | | 1H | |
| 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 (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.