



**THE DATASHEET OF
UCD1A221MCL6GS**



ALUMINUM ELECTROLYTIC CAPACITORS



UCD Chip Type, Low Impedance



- Chip type, low impedance temperature range up 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, (EU)2015/863).
- AEC-Q200 Qualified. Please contact us for details.



Specifications

| Item | Performance Characteristics | | | | | | | | | | | | | |
|--|---|---|--------------------|------|---|------|----------|------|----------|------|--------------------------------------|---|----------|--|
| Category Temperature Range | - 55 to +105°C | | | | | | | | | | | | | |
| Rated Voltage Range | 6.3 to 100V | | | | | | | | | | | | | |
| Rated Capacitance Range | 1 to 3300µF | | | | | | | | | | | | | |
| Capacitance Tolerance | ±20% at 120Hz, 20°C | | | | | | | | | | | | | |
| Leakage Current ※ | After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.01 CV or 3 (µA), whichever is greater. | | | | | | | | | | | | | |
| Tangent of loss angle (tan δ) | Rated voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | Measurement frequency: 120Hz at 20°C | | | |
| | tan δ (max.) | 0.26 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.08 | 0.08 | 0.07 | | | | |
| For capacitance of more than 1000µF, add 0.02 for every increase of 1000µF. (φ12.5 to φ18) | | | | | | | | | | | | | | |
| Stability at Low Temperature | Rated voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | Measurement frequency: 120Hz | | | |
| | Impedance ratio (max.) | Z(-25°C) / Z(+20°C) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | | |
| | | Z(-40°C) / Z(+20°C) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 3 | | |
| Z(-55°C) / Z(+20°C) | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | |
| Endurance | The specifications listed below shall be met when the capacitors are restored to 20°C after the rated voltage is applied at 105°C for the conditions listed at right. | | Rated Voltage | | Size (mm) | | ~7.7L | | 10L | | φ10x13.5L | | 13.5L~ | |
| | | | 6.3~50V | | | | 2000hrs. | | 5000hrs. | | 5000hrs. | | 5000hrs. | |
| | | | 63~100V | | | | 2000hrs. | | 2000hrs. | | — | | 5000hrs. | |
| | Capacitance Change | Within ± 30% of the initial capacitance value | | | | | | | | | | | | |
| tan δ | 200% or less than the initial specified value | | | | | | | | | | | | | |
| Leakage current | 300% or less than the initial specified value for 63V or more | | | | | | | | | | | | | |
| | Less than or equal to the initial specified value | | | | | | | | | | | | | |
| Shelf Life | After storing the capacitors under no load at 105°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above. | | | | | | | | | | | | | |
| Resistance to soldering heat | The capacitors are kept on a hot plate for 30 seconds, which is maintained at 250°C. The capacitors shall meet the characteristic requirements listed at right when they are removed from the plate and restored to 20°C. | | Capacitance Change | | Within ± 10% of the initial capacitance value | | | | | | | | | |
| | | | tan δ | | Less than or equal to the initial specified value | | | | | | | | | |
| | | | Leakage current | | Less than or equal to the initial specified value | | | | | | | | | |
| Marking | Black print on the case top. | | | | | | | | | | | | | |

Chip Type ※ φ6.3×5.8L or less, φ8×6.2L, φ10×7.7L, φ10×13.5L :
The vibration structure-resistant product can't support.

※ I : Leakage Current (µA), C : Rated Capacitance (µF), V : Rated Voltage (V)

(φ4 to φ8 × 6.2)



(φ8 × 10, φ10)



(φ12.5 to φ18)



(φ6.3) 【Vibration Resistance】



(φ8, φ10) 【Vibration Resistance】



(φ12.5 to φ18) 【Vibration Resistance】



| Standard | (mm) | | | | | | | | | | | | | | | | Vibration Resistance | | | | (mm) | | | |
|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|----|------------|------------|----------------------|------------|------------|------------|------------|--|--|--|
| φDxL | 4x5.8 | 5x5.8 | 6.3x5.8 | 6.3x7.7 | 8x6.2 | 8x10 | 10x7.7 | 10x10 | 10x13.5 | 10x13.5 | 12.5x13.5 | 16x16.5 | 16x16.5 | φ4 | φ6.3 | φ7.7 | φ10 | φ12.5 | φ16 | φ18 | | | | |
| A | 1.8 | 2.1 | 2.4 | 2.4 | 3.3 | 2.9 | 3.2 | 3.2 | 3.2 | 5.15 | 5.65 | 6.65 | | A | 2.4 | 2.9 | 3.2 | 4.8 | 5.4 | 6.4 | | | | |
| B | 4.3 | 5.3 | 6.6 | 6.6 | 8.3 | 8.3 | 10.3 | 10.3 | 10.3 | 13.6 | 17.1 | 19.1 | | B | 6.6 | 8.3 | 10.3 | 13.6 | 17.1 | 19.1 | | | | |
| C | 4.3 | 5.3 | 6.6 | 6.6 | 8.3 | 8.3 | 10.3 | 10.3 | 10.3 | 13.6 | 17.1 | 19.1 | | C | 6.6 | 8.3 | 10.3 | 13.6 | 17.1 | 19.1 | | | | |
| E | 10 | 1.3 | 2.2 | 2.2 | 3.1 | 4.5 | 4.5 | 4.5 | 4.5 | (3.3) | (5.8) | (5.8) | | E | 2.2 | 3.1 | 4.5 | (4.0) | (6.3) | (6.3) | | | | |
| H | 5.8 | 5.8 | 5.8 | 7.7 | 6.2 | 10 | 7.7 | 10 | 13.5 | 13.5 | 16.5 | 16.5 | | L | 7.7 | 10 | 10 | 13.5 | 16.5 | 16.5 | | | | |
| L | 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 | 0.8 to 1.1 | 0.8 to 1.1 | 1.0 to 1.4 | 1.0 to 1.4 | 1.0 to 1.4 | | H | 0.5 to 0.8 | 1.1 to 1.5 | 1.1 to 1.5 | 1.1 to 1.5 | 1.1 to 1.5 | 1.0 to 1.4 | 1.0 to 1.4 | | | |

| Voltage | | Frequency coefficient of rated ripple current | | | | | | | | | |
|-------------|------|---|-------|------|---------------|----|----|----|-----|--|--|
| V | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | | |
| Code | J | A | C | E | V | H | J | K | 2A | | |
| Frequency | 50Hz | 120Hz | 300Hz | 1kHz | 10kHz or more | | | | | | |
| Coefficient | 0.35 | 0.50 | 0.64 | 0.83 | 1.00 | | | | | | |

Type numbering system (Example : 16V 100µF)



● Dimension table in next page.

UCD

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 2 minutes) | Impedance (Ω) max. (20°C/100kHz) | Rated Ripple (mA rms) (105°C/100kHz) | Part Number |
|--------------------------|------------------------|---------------------|-------|--|----------------------------------|--------------------------------------|----------------|
| 6.3 (0J) | 22 | 4×5.8 | 0.26 | 3 | 1.35 | 90 | UCD0J220MCL1GS |
| | 27 | 4×5.8 | 0.26 | 3 | 1.35 | 90 | UCD0J270MCL1GS |
| | 33 | 5×5.8 | 0.26 | 3 | 0.70 | 160 | UCD0J330MCL1GS |
| | 47 | 4×5.8 | 0.26 | 3 | 1.35 | 90 | UCD0J470MCL6GS |
| | 47 | 5×5.8 | 0.26 | 3 | 0.70 | 160 | UCD0J470MCL1GS |
| | 56 | 5×5.8 | 0.26 | 3.528 | 0.70 | 160 | UCD0J560MCL1GS |
| | 68 | 6.3×5.8 | 0.26 | 4.284 | 0.36 | 240 | UCD0J680MCL1GS |
| | 100 | 5×5.8 | 0.26 | 6.3 | 0.70 | 160 | UCD0J101MCL6GS |
| | 100 | 6.3×5.8 | 0.26 | 6.3 | 0.36 | 240 | UCD0J101MCL1GS |
| | 150 | 6.3×5.8 | 0.26 | 9.45 | 0.36 | 240 | UCD0J151MCL1GS |
| | 220 | 6.3×5.8 | 0.26 | 13.86 | 0.36 | 240 | UCD0J221MCL1GS |
| | 330 | 6.3×7.7 | 0.26 | 20.79 | 0.32 | 290 | UCD0J331M□□1GS |
| | 330 | 8×6.2 | 0.26 | 20.79 | 0.26 | 300 | UCD0J331MCL6GS |
| | 470 | 8×10 | 0.26 | 29.61 | 0.16 | 600 | UCD0J471M□□1GS |
| | 470 | 10×7.7 | 0.26 | 29.61 | 0.18 | 600 | UCD0J471MCL6GS |
| | 680 | 8×10 | 0.26 | 42.84 | 0.16 | 600 | UCD0J681M□□1GS |
| | 680 | 10×7.7 | 0.26 | 42.84 | 0.18 | 600 | UCD0J681MCL6GS |
| | 1000 | 8×10 | 0.26 | 63 | 0.16 | 600 | UCD0J102M□□1GS |
| 1500 | 10×10 | 0.26 | 94.5 | 0.080 | 850 | UCD0J152M□□1GS | |
| 2200 | 10×13.5 | 0.26 | 138.6 | 0.080 | 950 | UCD0J222MNL1GS | |
| 3300 | 12.5×13.5 | 0.30 | 207.9 | 0.080 | 1100 | UCD0J332M□□1MS | |
| 10 (1A) | 22 | 4×5.8 | 0.19 | 3 | 1.35 | 90 | UCD1A220MCL1GS |
| | 27 | 5×5.8 | 0.19 | 3 | 0.70 | 160 | UCD1A270MCL1GS |
| | 33 | 4×5.8 | 0.19 | 3.3 | 1.35 | 90 | UCD1A330MCL6GS |
| | 33 | 5×5.8 | 0.19 | 3.3 | 0.70 | 160 | UCD1A330MCL1GS |
| | 47 | 6.3×5.8 | 0.19 | 4.7 | 0.36 | 240 | UCD1A470MCL1GS |
| | 56 | 6.3×5.8 | 0.19 | 5.6 | 0.36 | 240 | UCD1A560MCL1GS |
| | 68 | 6.3×5.8 | 0.19 | 6.8 | 0.36 | 240 | UCD1A680MCL1GS |
| | 100 | 6.3×5.8 | 0.19 | 10 | 0.36 | 240 | UCD1A101MCL1GS |
| | 150 | 6.3×5.8 | 0.19 | 15 | 0.36 | 240 | UCD1A151MCL1GS |
| | 220 | 6.3×7.7 | 0.19 | 22 | 0.32 | 290 | UCD1A221M□□1GS |
| | 220 | 8×6.2 | 0.19 | 22 | 0.26 | 300 | UCD1A221MCL6GS |
| | 330 | 8×10 | 0.19 | 33 | 0.16 | 600 | UCD1A331M□□1GS |
| | 330 | 10×7.7 | 0.19 | 33 | 0.18 | 600 | UCD1A331MCL6GS |
| | 470 | 8×10 | 0.19 | 47 | 0.16 | 600 | UCD1A471M□□1GS |
| | 470 | 10×7.7 | 0.19 | 47 | 0.18 | 600 | UCD1A471MCL6GS |
| | 680 | 10×10 | 0.19 | 68 | 0.080 | 850 | UCD1A681M□□1GS |
| | 1000 | 10×10 | 0.19 | 100 | 0.080 | 850 | UCD1A102M□□1GS |
| | 1500 | 10×13.5 | 0.19 | 150 | 0.080 | 950 | UCD1A152MNL1GS |
| 2200 | 12.5×13.5 | 0.21 | 220 | 0.080 | 1100 | UCD1A222M□□1MS | |
| 16 (1C) | 10 | 4×5.8 | 0.16 | 3 | 1.35 | 90 | UCD1C100MCL1GS |
| | 15 | 4×5.8 | 0.16 | 3 | 1.35 | 90 | UCD1C150MCL1GS |
| | 22 | 4×5.8 | 0.16 | 3.52 | 1.35 | 90 | UCD1C220MCL6GS |
| | 22 | 5×5.8 | 0.16 | 3.52 | 0.70 | 160 | UCD1C220MCL1GS |
| | 27 | 5×5.8 | 0.16 | 4.32 | 0.70 | 160 | UCD1C270MCL1GS |
| | 33 | 6.3×5.8 | 0.16 | 5.28 | 0.36 | 240 | UCD1C330MCL1GS |
| | 47 | 5×5.8 | 0.16 | 7.52 | 0.70 | 160 | UCD1C470MCL6GS |
| | 47 | 6.3×5.8 | 0.16 | 7.52 | 0.36 | 240 | UCD1C470MCL1GS |
| | 56 | 6.3×5.8 | 0.16 | 8.96 | 0.36 | 240 | UCD1C560MCL1GS |
| | 68 | 6.3×5.8 | 0.16 | 10.88 | 0.36 | 240 | UCD1C680MCL1GS |
| | 100 | 6.3×5.8 | 0.16 | 16 | 0.36 | 240 | UCD1C101MCL1GS |

□□ : Enter the appropriate configuration code.

UCD

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 2 minutes) | Impedance (Ω) max. (20°C/100kHz) | Rated Ripple (mArms) (105°C/100kHz) | Part Number |
|--------------------------|------------------------|---------------------|-------|--|----------------------------------|-------------------------------------|-----------------|
| 16 (1C) | 150 | 6.3×7.7 | 0.16 | 24 | 0.32 | 290 | UCD1C151M□□1GS |
| | 220 | 6.3×7.7 | 0.16 | 35.2 | 0.32 | 290 | UCD1C221M□□1GS |
| | 220 | 8×6.2 | 0.16 | 35.2 | 0.26 | 300 | UCD1C221MCL6GS |
| | 330 | 8×10 | 0.16 | 52.8 | 0.16 | 600 | UCD1C331M□□1GS |
| | 330 | 10×7.7 | 0.16 | 52.8 | 0.18 | 600 | UCD1C331MCL6GS |
| | 470 | 8×10 | 0.16 | 75.2 | 0.16 | 600 | UCD1C471M□□1GS |
| | 470 | 10×7.7 | 0.16 | 75.2 | 0.18 | 600 | UCD1C471MCL6GS |
| | 680 | 10×10 | 0.16 | 108.8 | 0.080 | 850 | UCD1C681M□□1GS |
| | 1000 | 10×13.5 | 0.16 | 160 | 0.080 | 950 | UCD1C102MNL1GS |
| | 1500 | 12.5×13.5 | 0.16 | 240 | 0.080 | 1100 | UCD1C152M□□1MS |
| 25 (1E) | 10 | 4×5.8 | 0.14 | 3 | 1.35 | 90 | UCD1E100MCL1GS |
| | 15 | 5×5.8 | 0.14 | 3.75 | 0.70 | 160 | UCD1E150MCL1GS |
| | 22 | 5×5.8 | 0.14 | 5.5 | 0.70 | 160 | UCD1E220MCL1GS |
| | 27 | 6.3×5.8 | 0.14 | 6.75 | 0.36 | 240 | UCD1E270MCL1GS |
| | 33 | 5×5.8 | 0.14 | 8.25 | 0.70 | 160 | UCD1E330MCL6GS |
| | 33 | 6.3×5.8 | 0.14 | 8.25 | 0.36 | 240 | UCD1E330MCL1GS |
| | 47 | 6.3×5.8 | 0.14 | 11.75 | 0.36 | 240 | UCD1E470MCL1GS |
| | 56 | 6.3×5.8 | 0.14 | 14 | 0.36 | 240 | UCD1E560MCL1GS |
| | 68 | 6.3×5.8 | 0.14 | 17 | 0.36 | 240 | UCD1E680MCL1GS |
| | 100 | 6.3×7.7 | 0.14 | 25 | 0.32 | 290 | UCD1E101M□□1GS |
| | 100 | 8×6.2 | 0.14 | 25 | 0.26 | 300 | UCD1E101MCL6GS |
| | 150 | 8×10 | 0.14 | 37.5 | 0.16 | 600 | UCD1E151M□□1GS |
| | 150 | 10×7.7 | 0.14 | 37.5 | 0.18 | 600 | UCD1E151MCL6GS |
| | 220 | 8×10 | 0.14 | 55 | 0.16 | 600 | UCD1E221M□□1GS |
| | 220 | 10×7.7 | 0.14 | 55 | 0.18 | 600 | UCD1E221MCL6GS |
| | 330 | 8×10 | 0.14 | 82.5 | 0.16 | 600 | UCD1E331M□□1GS |
| | 470 | 10×10 | 0.14 | 117.5 | 0.080 | 850 | UCD1E471M□□1GS |
| | 680 | 10×13.5 | 0.14 | 170 | 0.080 | 950 | UCD1E681MNL1GS |
| 1000 | 12.5×13.5 | 0.14 | 250 | 0.080 | 1100 | UCD1E102M□□1MS | |
| | 2200 | 16×16.5 | 0.16 | 550 | 0.035 | 1800 | UCD1E222M□□1MS |
| 35 (1V) | 4.7 | 4×5.8 | 0.12 | 3 | 1.35 | 90 | UCD1V47R7MCL1GS |
| | 10 | 4×5.8 | 0.12 | 3.5 | 1.35 | 90 | UCD1V100MCL6GS |
| | 10 | 5×5.8 | 0.12 | 3.5 | 0.70 | 160 | UCD1V100MCL1GS |
| | 22 | 5×5.8 | 0.12 | 7.7 | 0.70 | 160 | UCD1V220MCL1GS |
| | 33 | 6.3×5.8 | 0.12 | 11.55 | 0.36 | 240 | UCD1V330MCL1GS |
| | 47 | 6.3×5.8 | 0.12 | 16.45 | 0.36 | 240 | UCD1V470MCL1GS |
| | 68 | 6.3×7.7 | 0.12 | 23.8 | 0.32 | 290 | UCD1V680M□□1GS |
| | 100 | 6.3×7.7 | 0.12 | 35 | 0.32 | 290 | UCD1V101M□□6GS |
| | 100 | 8×10 | 0.12 | 35 | 0.16 | 600 | UCD1V101M□□1GS |
| | 150 | 8×10 | 0.12 | 52.5 | 0.16 | 600 | UCD1V151M□□1GS |
| | 150 | 10×7.7 | 0.12 | 52.5 | 0.18 | 600 | UCD1V151MCL6GS |
| | 220 | 8×10 | 0.12 | 77 | 0.16 | 600 | UCD1V221M□□1GS |
| | 220 | 10×7.7 | 0.12 | 77 | 0.18 | 600 | UCD1V221MCL6GS |
| | 330 | 10×10 | 0.12 | 115.5 | 0.080 | 850 | UCD1V331M□□1GS |
| | 470 | 10×13.5 | 0.12 | 164.5 | 0.080 | 950 | UCD1V471MNL6GS |
| | 470 | 12.5×13.5 | 0.12 | 164.5 | 0.080 | 1100 | UCD1V471M□□1MS |
| | 680 | 12.5×13.5 | 0.12 | 238 | 0.080 | 1100 | UCD1V681M□□1MS |
| 1000 | 16×16.5 | 0.12 | 350 | 0.035 | 1800 | UCD1V102M□□1MS | |
| 50 (1H) | 1 | 4×5.8 | 0.10 | 3 | 2.70 | 60 | UCD1H010MCL1GS |
| | 2.2 | 4×5.8 | 0.10 | 3 | 2.70 | 60 | UCD1H2R2MCL1GS |
| | 3.3 | 4×5.8 | 0.10 | 3 | 2.70 | 60 | UCD1H3R3MCL1GS |

□□ : Enter the appropriate configuration code.

UCD

■ Dimensions



| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 2 minutes) | Impedance (Ω) max. (20°C/100kHz) | Rated Ripple (mArms) (105°C/100kHz) | Part Number |
|--------------------------|------------------------|---------------------|-------|--|----------------------------------|-------------------------------------|----------------|
| 50 (1H) | 4.7 | 4×5.8 | 0.10 | 3 | 2.70 | 60 | UCD1H4R7MCL1GS |
| | 10 | 5×5.8 | 0.10 | 5 | 1.50 | 90 | UCD1H100MCL6GS |
| | 10 | 6.3×5.8 | 0.10 | 5 | 0.86 | 170 | UCD1H100MCL1GS |
| | 22 | 6.3×5.8 | 0.10 | 11 | 0.86 | 170 | UCD1H220MCL1GS |
| | 33 | 6.3×7.7 | 0.10 | 16.5 | 0.66 | 195 | UCD1H330M□□1GS |
| | 33 | 8×6.2 | 0.10 | 16.5 | 0.63 | 200 | UCD1H330MCL6GS |
| | 47 | 6.3×7.7 | 0.10 | 23.5 | 0.66 | 195 | UCD1H470M□□1GS |
| | 47 | 8×6.2 | 0.10 | 23.5 | 0.63 | 200 | UCD1H470MCL6GS |
| | 100 | 8×10 | 0.10 | 50 | 0.32 | 350 | UCD1H101M□□1GS |
| | 100 | 10×7.7 | 0.10 | 50 | 0.36 | 330 | UCD1H101MCL6GS |
| | 150 | 10×10 | 0.10 | 75 | 0.16 | 700 | UCD1H151M□□1GS |
| | 220 | 10×10 | 0.10 | 110 | 0.16 | 700 | UCD1H221M□□1GS |
| | 330 | 10×13.5 | 0.10 | 165 | 0.14 | 800 | UCD1H331MNL6GS |
| | 330 | 12.5×13.5 | 0.10 | 165 | 0.12 | 900 | UCD1H331M□□1MS |
| 390 | 12.5×13.5 | 0.10 | 195 | 0.12 | 900 | UCD1H391M□□1MS | |
| 470 | 16×16.5 | 0.10 | 235 | 0.073 | 1610 | UCD1H471M□□1MS | |
| 680 | 16×16.5 | 0.10 | 340 | 0.073 | 1610 | UCD1H681M□□1MS | |
| 63 (1J) | 4.7 | 5×5.8 | 0.08 | 3 | 3.00 | 50 | UCD1J4R7MCL1GS |
| | 10 | 6.3×5.8 | 0.08 | 6.3 | 1.50 | 80 | UCD1J100MCL1GS |
| | 22 | 6.3×7.7 | 0.08 | 13.86 | 1.20 | 120 | UCD1J220M□□1GS |
| | 22 | 8×6.2 | 0.08 | 13.86 | 1.20 | 120 | UCD1J220MCL6GS |
| | 33 | 8×10 | 0.08 | 20.79 | 0.65 | 250 | UCD1J330M□□1GS |
| | 47 | 8×10 | 0.08 | 29.61 | 0.65 | 250 | UCD1J470M□□1GS |
| | 68 | 10×10 | 0.08 | 42.84 | 0.35 | 400 | UCD1J680M□□1GS |
| | 100 | 10×10 | 0.08 | 63 | 0.35 | 400 | UCD1J101M□□1GS |
| | 150 | 12.5×13.5 | 0.08 | 94.5 | 0.16 | 800 | UCD1J151M□□1MS |
| | 220 | 12.5×13.5 | 0.08 | 138.6 | 0.16 | 800 | UCD1J221M□□1MS |
| 470 | 16×16.5 | 0.08 | 296.1 | 0.082 | 1410 | UCD1J471M□□1MS | |
| 680 | 18×16.5 | 0.08 | 428.4 | 0.080 | 1690 | UCD1J681M□□1MS | |
| 80 (1K) | 3.3 | 5×5.8 | 0.08 | 3 | 5.00 | 25 | UCD1K3R3MCL1GS |
| | 4.7 | 6.3×5.8 | 0.08 | 3.76 | 3.00 | 40 | UCD1K4R7MCL1GS |
| | 10 | 6.3×7.7 | 0.08 | 8 | 2.40 | 60 | UCD1K100M□□1GS |
| | 10 | 8×6.2 | 0.08 | 8 | 2.40 | 60 | UCD1K100MCL6GS |
| | 22 | 8×10 | 0.08 | 17.6 | 1.30 | 130 | UCD1K220M□□1GS |
| | 33 | 8×10 | 0.08 | 26.4 | 1.30 | 130 | UCD1K330M□□1GS |
| | 47 | 10×10 | 0.08 | 37.6 | 0.70 | 200 | UCD1K470M□□1GS |
| | 68 | 12.5×13.5 | 0.08 | 54.4 | 0.32 | 500 | UCD1K680M□□1MS |
| | 100 | 12.5×13.5 | 0.08 | 80 | 0.32 | 500 | UCD1K101M□□1MS |
| | 150 | 12.5×13.5 | 0.08 | 120 | 0.32 | 500 | UCD1K151M□□1MS |
| | 330 | 16×16.5 | 0.08 | 264 | 0.17 | 793 | UCD1K331M□□1MS |
| 470 | 18×16.5 | 0.08 | 376 | 0.15 | 917 | UCD1K471M□□1MS | |
| 100 (2A) | 22 | 8×10 | 0.07 | 22 | 1.30 | 130 | UCD2A220M□□1GS |
| | 33 | 10×10 | 0.07 | 33 | 0.70 | 200 | UCD2A330M□□1GS |
| | 47 | 12.5×13.5 | 0.07 | 47 | 0.32 | 500 | UCD2A470M□□1MS |
| | 68 | 12.5×13.5 | 0.07 | 68 | 0.32 | 500 | UCD2A680M□□1MS |
| | 100 | 16×16.5 | 0.07 | 100 | 0.17 | 793 | UCD2A101M□□1MS |
| | 150 | 16×16.5 | 0.07 | 150 | 0.17 | 793 | UCD2A151M□□1MS |
| | 220 | 18×16.5 | 0.07 | 220 | 0.15 | 917 | UCD2A221M□□1MS |
| 330 | 18×16.5 | 0.07 | 330 | 0.15 | 917 | UCD2A331M□□1MS | |

□□ : Enter the appropriate configuration code.

• For taping specifications, recommended land size/soldering by reflow and minimum order quantity, please refer to the Guidelines for Aluminum Electrolytic Capacitors.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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