

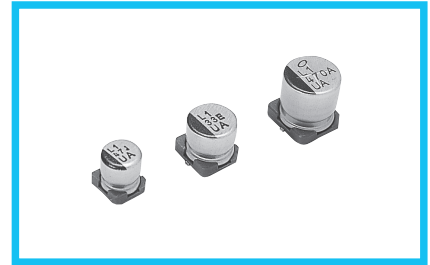
ALUMINUM ELECTROLYTIC CAPACITORS

UUA

6mmL Chip Type, Long Life Assurance



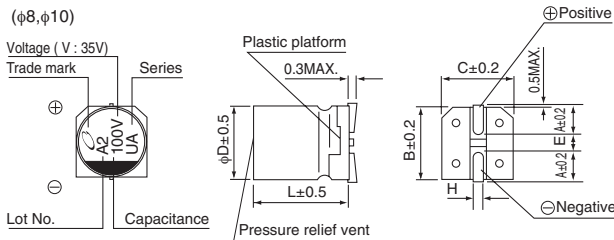
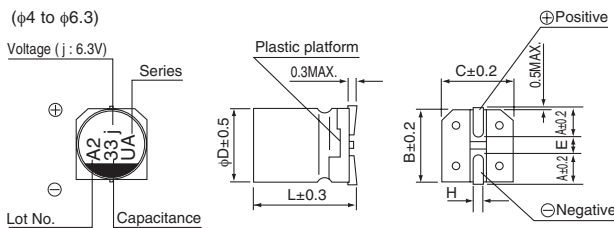
- Chip type with load life of 3000 to 5000 hours at +105°C.
- Designed for surface mounting on high density PC board.
- Compliant to the RoHS directive (2011/65/EU, (EU)2015/863).
- AEC-Q200 compliant. Please contact us for details.



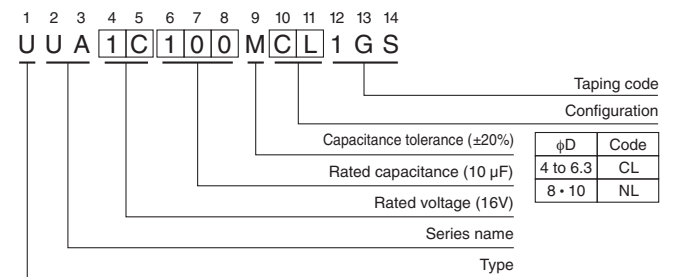
Specifications

Item	Performance Characteristics						
Category Temperature Range	-55 to +105°C						
Rated Voltage Range	6.3 to 50V						
Rated Capacitance Range	1 to 1000μF						
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)	Measurement frequency : 120Hz at 20°C						
	Rated voltage (V)	6.3	10	16	25	35	50
Stability at Low Temperature	Measurement frequency : 120Hz						
	Rated voltage (V)	6.3	10	16	25	35	50
Endurance	Impedance ratio Z-25°C / Z+20°C	4	3	2	2	2	2
	ZT / Z20 (MAX.) Z-55°C / Z+20°C	10	7	5	3	3	3
Shelf Life	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 5000 hours (3000 hours for φD = 4, 5 and 6.3) at 105°C.						
	Capacitance change		Within ±30% of the initial capacitance value				
Resistance to soldering heat	tan δ		300% or less than the initial specified value				
	Leakage current		Less than or equal to the initial specified value				
Marking	Black print on the case top.						
	Capacitance change		Within ±10% of the initial capacitance value				
Marking	tan δ		Less than or equal to the initial specified value				
	Leakage current		Less than or equal to the initial specified value				

Chip Type



Type numbering system (Example : 16V 10μF)



Voltage

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

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

● Dimension table in next page.

UUA

■ Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20°C after 2 minutes)	Rated Ripple (mArms) (105°C/120Hz)	Part Number
6.3 (0J)	22	4×5.8	0.28	3	22	UUA0J220MCL1GS
	33	5×5.8	0.28	3	35	UUA0J330MCL1GS
	47	5×5.8	0.28	3	38	UUA0J470MCL1GS
	100	6.3×5.8	0.28	6.3	69	UUA0J101MCL1GS
	220	6.3×7.7	0.28	13.86	120	UUA0J221MCL1GS
	330	8×10	0.28	20.79	290	UUA0J331MNL1GS
	470	10×10	0.28	29.61	320	UUA0J471MNL1GS
	1000	10×10	0.28	63	410	UUA0J102MNL1GS
10 (1A)	22	5×5.8	0.24	3	30	UUA1A220MCL1GS
	33	5×5.8	0.24	3.3	35	UUA1A330MCL1GS
	47	6.3×5.8	0.24	4.7	50	UUA1A470MCL1GS
	100	6.3×7.7	0.24	10	81	UUA1A101MCL1GS
	220	8×10	0.24	22	141	UUA1A221MNL1GS
	330	10×10	0.24	33	290	UUA1A331MNL1GS
	470	10×10	0.24	47	320	UUA1A471MNL1GS
	16 (1C)	10	4×5.8	0.20	3	18
22		5×5.8	0.20	3.52	30	UUA1C220MCL1GS
33		6.3×5.8	0.20	5.28	48	UUA1C330MCL1GS
47		6.3×5.8	0.20	7.52	50	UUA1C470MCL1GS
100		6.3×7.7	0.20	16	81	UUA1C101MCL1GS
220		10×10	0.20	35.2	216	UUA1C221MNL1GS
330		10×10	0.20	52.8	290	UUA1C331MNL1GS
470		10×10	0.20	75.2	320	UUA1C471MNL1GS
25 (1E)	10	5×5.8	0.16	3	27	UUA1E100MCL1GS
	22	6.3×5.8	0.16	5.5	44	UUA1E220MCL1GS
	33	6.3×5.8	0.16	8.25	50	UUA1E330MCL1GS
	47	6.3×7.7	0.16	11.75	63	UUA1E470MCL1GS
	100	8×10	0.16	25	116	UUA1E101MNL1GS
	220	10×10	0.16	55	320	UUA1E221MNL1GS
	330	10×10	0.16	82.5	450	UUA1E331MNL1GS
35 (1V)	4.7	4×5.8	0.13	3	16	UUA1V47R7MCL1GS
	10	5×5.8	0.13	3.5	27	UUA1V100MCL1GS
	22	6.3×5.8	0.13	7.7	44	UUA1V220MCL1GS
	33	6.3×7.7	0.13	11.55	57	UUA1V330MCL1GS
	47	8×10	0.13	16.45	92	UUA1V470MNL1GS
	100	10×10	0.13	35	151	UUA1V101MNL1GS
	220	10×10	0.13	77	375	UUA1V221MNL1GS
	50 (1H)	1	4×5.8	0.12	3	8
2.2		4×5.8	0.12	3	12	UUA1H2R2MCL1GS
3.3		4×5.8	0.12	3	17	UUA1H3R3MCL1GS
4.7		5×5.8	0.12	3	22	UUA1H4R7MCL1GS
10		6.3×5.8	0.12	5	32	UUA1H100MCL1GS
22		6.3×7.7	0.12	11	58	UUA1H220MCL1GS
33		8×10	0.12	16.5	140	UUA1H330MNL1GS
47		8×10	0.12	23.5	170	UUA1H470MNL1GS
100		10×10	0.12	50	310	UUA1H101MNL1GS

- Taping specifications are given in page 20.
- Recommended land size, soldering by reflow are given in page 16, 17.
- Please refer to page 3 for the minimum order quantity.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminum Electrolytic Capacitors - SMD category:](#)

Click to view products by [Nichicon manufacturer:](#)

Other Similar products are found below :

[EEV-FK1E332W](#) [ULV2H1R8MNL1GS](#) [22927](#) [NRWA331M63V12.5X20TBF](#) [HUB1800-S](#) [UCX1V471MNQ1MS](#) [RJ4-400V100MI5#-T4](#)
[UCX1V681MNQ1MS](#) [RYK-50V101MG5TT-FL](#) [107AXZ016MQ5](#) [EXV107M025A9HAA](#) [UCD1V100MCQ1GS](#) [UCX1H471MNQ1MS](#)
[106SML050M](#) [EDK226M035A9DAA](#) [EDT476M050S9MAA](#) [EEV-HA0J152P](#) [EEV-HA1A471UP](#) [EEV-HA1C220WR](#) [EEV-HA1C471P](#)
[EEV-HA1E331UP](#) [EEV-HA1H3R3R](#) [EEV-HA1H470UP](#) [EEV-HA1HR47R](#) [EEV-HA1V470UP](#) [EEV-HB0G221P](#) [EEV-HB0J330R](#) [EEV-](#)
[HB1E220P](#) [UCX1H821MNQ1MS](#) [UCX1H471MNS1MS](#) [UCX1E332MNS1MS](#) [HZA277M035G24T-F](#) [EMVA630ADA331MKG5S](#)
[TYEH1V337H10MTR](#) [EDT107M035S9MAA](#) [BMVK100ADA330MF60G](#) [BMVK160ADA4R7MD60G](#) [NACK222M10V12.5X14TR13F](#)
[NRLF332M25V22X20F](#) [NRSZ102M16V10X22TBF](#) [EEV-HA1H330UP](#) [UCZ1V681MNQ1MS](#) [EEE-FT1C122UP](#) [EEE-FT1E102UP](#) [EEE-](#)
[FT1E561UP](#) [EEE-FT1E821GP](#) [EEE-FT1V391UP](#) [EMZF350ADA220MF73G](#) [EDH226M450A9TAA](#) [EDH106M016A9BAA](#)