ALUMINUM ELECTROLYTIC CAPACITORS







- Corresponding with 260°C peak reflow soldering Recomended reflow condition: 260°C peak 5 sec. 230°C over 60 sec.
 2 times
- Chip type with 5.5mm height.
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine fed with carrier tape.
- Load life of 2000 hours at 85°C
- Compliant to the RoHS directive (2011/65/EU).



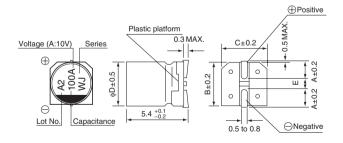
Reflow



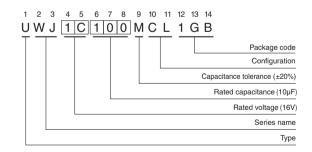
■Specifications

Item	Performance Characteristics											
Category Temperature Range	-40 to +85°C											
Rated Voltage Range	6.3 to 50V											
Rated Capacitance Range	0.1 to 150μF	0.1 to 150μF										
Capacitance Tolerance	±20% at 120Hz, 2	±20% at 120Hz, 20°C										
Leakage Current	After 2 minutes' a	oplication of	of rated vo	ltage, le	akage c	curren	t is not	more t	than 0.01C	V or 3 ((μA) ,whichever is greater.	
	Measurement frequency : 120Hz at 20°C											
Tangent of loss angle (tan δ)	Rated voltage (V)	6.3	10	16		25	3		50			
	tan o (MAX.)	tan δ (MAX.) 0.26 0.20 0.16 0.14 0.12 0.12										
									nent freque			
Stability at Low Temperature		Rated voltage (V) Impedance ratio Z-25°C / Z+		6.3	10		16	25	35	50		
,	Impedance ratio ZT / Z20 (MAX.)	Z-25°C /		8	3 8		4	4	3	3		
	The specifications listed at right shall be met											
	when the capacitors are restored to 20°C after the rated voltage is applied for 2000 hours at					Capacitance ch					he initial capacitance value	
Endurance									200% or less than the initial specified value			
	85°C. Leakage Current Less than or equal to the initial specified value											
Shelf Life	After storing the capacitors under no load at 85°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.							1-4				
	The capacitors are kept on a hot plate for 30 seconds, which is							Capa	Capacitance change Within ±10% of the initial capacitance			value
Resistance to soldering	maintained at 250							tan δ		-	Less than or equal to the initial specified value	
heat	characteristic requirements listed at right when they are							Less than or equal to the initial specified				
Marking	Black print on the	Black print on the case top.										

■Chip Type



Type numbering system (Example : $16V\ 10\mu F$)



Voltage						
V	6.3	10	16	25	35	50
Code	j	Α	С	Е	٧	Н

			(mm)
φD	4	5	6.3
A	1.8	2.1	2.4
В	4.3	5.3	6.6
С	4.3	5.3	6.6
E	1.0	1.3	2.2



■ Dimensions

V		6.3		10		16		25		35		50	
Cap. (µF)	Code	0	J	1A		1C		1E		1V		1H	
0.1	0R1				 		 		 			4	1.0
0.22	R22				1				 			4	2.0
0.33	R33				i		i					4	2.8
0.47	R47				 		 		l I			4	4.0
1	010				 		1		 			4	8.4
2.2	2R2				i		i					4	13
3.3	3R3				I I		 					4	17
4.7	4R7				 		1	4	16	4	18	5	20
10	100					4	23	5	27	5	29	6.3	33
22	220	4	28	5	33	5	37	6.3	42	6.3	45		
33	330	5	37	5	41	6.3	49	6.3	52				
47	470	5	45	6.3	52	6.3	58		 				
100	101	6.3	70	6.3	76	6.3	86					Case size	Rated
150	151	6.3	71				 					φD (mm)	ripple

Rated ripple current (mArms) at 85°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.

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 ULV2H4R7MNL1GS ULV2H1R8MNL1GS 22927 NRWA331M63V12.5X20TBF HUB1800-S UCX1V471MNQ1MS
RJ4-400V100MI5#-T4 UCX1V681MNQ1MS RYK-50V101MG5TT-FL UCX1V681MNS1MS UCX1V221MCS1GS UCX1V101MCS1GS

107AXZ016MQ5 EXV107M025A9HAA UCD1V100MCQ1GS UCX1H471MNQ1MS 107SML016M 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

UCX1H561MNS1MS UCX1H471MNS1MS UCX1H102MNQ1MS UCX1E332MNS1MS HZA277M035G24T-F TYEH1V337H10MTR

EDT107M035S9MAA BMVK100ADA330MF60G BMVK160ADA4R7MD60G NACK222M10V12.5X14TR13F NRLF332M25V22X20F

NRSZ102M16V10X22TBF EEV-HA1H330UP MAL215097513E3 UCZ1V681MNQ1MS EEE-FT1C122UP EEE-FT1C821UP