CHIP ALUMINUM ELECTROLYTIC CAPACITORS





105℃ Low Impedance, Lead Free Reflow Soldering.

◆FEATURES

·Load Life: 105°C 2000 hours.

•RoHS compliance.

- •Lead free reflow soldering is available.
- •Available for high density mounting.
- •Prescribe Impedance value at 100 kHz.



SPECIFICATIONS

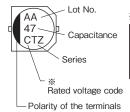
Items	Characteristics							
Category Temperature Range	-55~+105°C							
Rated Voltage Range	6.3~50V.DC							
Capacitance Tolerance	±20%(20°C,120Hz)							
Leakage Current(MAX)	I=0.01CV or 3μ A whichever is greater.(After 2 minutes application of rated voltage) I=Leakage Current(μ A)							
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V) 6.3 10 16 25 35 50 (20°C,120Hz) tanδ 0.26 0.19 0.16 0.14 0.12 0.10							
After applying rated voltage with rated ripple current for 2000 hours at 105°C, the capacitors shall meet the following								
	Capacitance Change Within ±30% of the initial value.							
Endurance	Dissipation Factor Not more than 200% of the specified value.							
	Leakage Current Not more than the specified value.							
	Rated Voltage 6.3 10 16 25 35 50 (120Hz)							
Low Temperature Stability	Z(-25°C)/Z(20°C) 2 2 2 2 2 2							
Impedance Ratio(MAX)	Z(-40°C)/Z(20°C) 3 3 3 3 3 3 3							
	Z(-55°C)/Z(20°C) 4 4 4 3 3 3 3							

♦MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

Frequency (Hz)		120	1k	10k	100k≦
Coefficient	4.7μF	0.42	0.60	0.80	1.00
	10∼33µF	0.45	0.75	0.90	1.00
	47~100μF	0.50	0.80	0.95	1.00
	220~1000μF	0.60	0.85	0.95	1.00

◆MARKING

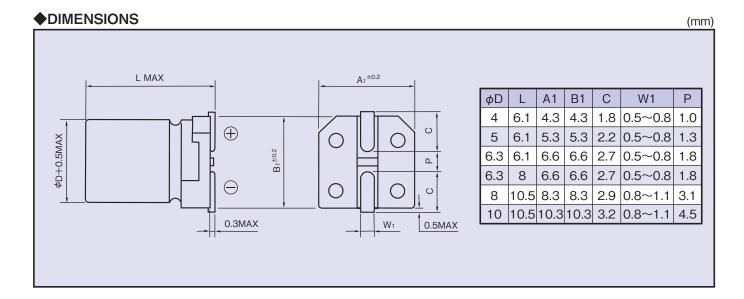


	е					
Rated Voltage (V)	6.3	10	16	25	35	50
Rated Voltage code	j	А	С	Е	V	Н

◆PART NUMBER

	TZV		M		D×L
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Case Size





♦STANDARD SIZE

Size ϕ D×L(mm), Ripple Current (mA r.m.s./105°C, 100kHz), Impedance(Ω MAX/20°C, 100kHz)

WV (V.DC)	6.3 (OJ)			10 (1A)			16 (1C)			
Cap(µF)	Size	Ripple	Impedance	Size	Ripple	Impedance	Size	Ripple	Impedance	
10			 			1 1 1	4×6.1	90	1.35	
22	4×6.1	90	1.35			1	4×6.1	90	1.35	
22	4/0.1	90	1.55			1	5×6.1	170	0.70	
33				4×6.1	90	1.35	5×6.1	170	0.70	
47	4×6.1	90	1.35				5×6.1	170	0.70	
47	5×6.1	170	0.70				6.3×6.1	250	0.36	
100	5×6.1	170	0.70			1 1 1	6.3×6.1	250	0.36	
100	6.3×6.1	250	0.36			1	6.3×8	300	0.34	
220	6.3×6.1	250	0.36	6.3×8	300	0.34	6.3×8 30	300	0.34	
220	6.3×8	300	0.34	0.3/8	0.3^8	300	0.54	0.5^6	300	0.54
330	6.3×8	300	0.34			1	8×10.5	600	0.16	
470				8×10.5	600	0.16	8×10.5	600	0.16	
680				8×10.5	600	0.16	10×10.5	850	0.08	
1000	8×10.5	600	0.16	10×10.5	850	0.08			 	

(V.DC)	25 (1E)			35 (1V)			50 (1H)			
Cap(µF)	Size	Ripple	Impedance	Size	Ripple	Impedance	Size	Ripple	Impedance	
4.7			1	4×6.1	90	1.45	4×6.1	60	2.90	
10				4×6.1	90	1.45	5×6.1	85	1.52	
10			!	5×6.1	170	0.70	6.3×6.1	165	0.88	
22				5×6.1	170	0.70	6.3×6.1	165	0.88	
22	! !		1 1 1	6.3×6.1	250	0.36				
33	5×6.1	170	0.70	6.3×6.1	250	0.36	6.3×8	195	0.68	
33	6.3×6.1	250	0.36	0.5^0.1	250	0.30				
47	62761	6.3×6.1	250	0.36	6.3×6.1	250	0.36	6.3×8	195	0.60
47	0.3^0.1	250	0.30	6.3×8	300	0.34	0.3^0	195	0.68	
100	6.3×8	6.000	6.3×8 300	200 0.24	6.3×8	300	0.34	0×10 F	050	0.24
100		0.5^0 500	300 0.34	0.54	8×10.5	600	0.16	8×10.5	350	0.34
220	8×10.5	600	0.16	8×10.5	600	0.16	10×10.5	670	0.18	
330	8×10.5	600	0.16	10×10.5	850	0.09				
470	10×10.5	850	0.09			 			 	