• Load life: 85°C 2000 hours.

• Non polarty series using in polarity circuits

• Corresponding product to RoHS

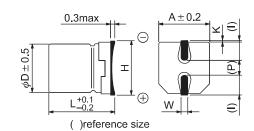


SPECIFICATION

Item	Characteristic									
Operation Temperature Range	-40 ~ +85°C									
Rated Working Voltage	6.3 ~ 50VDC									
Capacitance Tolerance (120Hz 20°C)	±20%(M)									
Leakage Current (20°C)	I ≦0.05CV or 10 (μA) *Whichever is greater a	after 2 minut	(I : Leakage CurrentC : Rated CapacitanceV : Working Voltage						
Surge Voltage	W.V.	6.3	10	16	25	35	50			
(20°C)	S.V.	8	13	20	32	44	63			
Dissipation Factor (tan δ)	W.V.	6.3	10	16	25	35	50			
(120Hz 20°C)	$ an\delta\phi$	0.26	0.22	0.20	0.20	0.20	0.18			
	Impedance ratio at 120Hz									
Low Temperature Stability	Rated Voltage (V)	6.3	10	16	25	35	50			
Low Temperature Stability	-25°C / +20°C	4	3	2	2	2	2			
	-40°C / +20°C	8	6	4	4	3	3			
	After 2000 hours application of W.V. and +85°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≦ rate working voltage) (The polarity need to exchange every 250 hours)									
Load Life	Capacitance Change ≤±25% of initial value									
	Dissipation Factor ≤200% of initial specified value									
	Leakage current									
Shelf Life	At +85°C, no voltage application after 1000 hours, the capacitor shall meet the limits for load life characteristics. (With voltage treatment)									
Decision of	Capacitors placed on a 250°C hot plate for 30 seconds with their electrode terminals facing downward will fulfill the following conditions after being cooled to room temperature.									
Resistance to Soldering Heat	Capacitance Change ≤±10% of initial value									
Coldoning Float	Dissipation Factor ≤initial specified value									
	Leakage current ≦initial specified value									

DIMENSIONS (mm)

D	L	Α	Н	T	W	Р	K
4.0	5.4	4.3	5.5MAX	1.8	0.65±0.1		0.35 +0.15 -0.20
5.0	5.4	5.3	6.5MAX	2.2	0.65±0.1	1.5	0.35 +0.15 -0.20
6.3	5.4	6.6	7.8MAX	2.6	0.65±0.1	2.1	0.35 +0.15 -0.20



JAMICON

CASE SIZE & MAX RIPPLE CURRENT

(mm) 120Hz Case size : D x L Max ripple current : mA(rms) 85°C

V(DC)	6.3		10		16		25		35		50	
μF Item	DxL	R.C.										
0.1											4x5.4	2
0.22											4x5.4	3
0.33											4x5.4	4
0.47											4x5.4	5
1.0											4x5.4	7
2.2									4x5.4	10	5x5.4	12
3.3							5x5.4	13	5x5.4	14	5x5.4	14
4.7					4x5.4	14	5x5.4	16	5x5.4	17	6.3x5.4	19
10			4x5.4	19	5x5.4	23	6.3x5.4	27	6.3x5.4	28		
22	5x5.4	29	6.3x5.4	36	6.3x5.4	39						
33	6.3x5.4	41	6.3x5.4	45	6.3x5.4	48		·				
47	6.3x5.4	49										