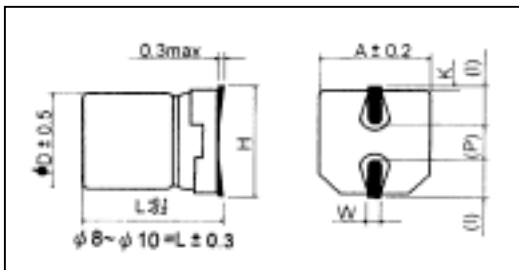


SPECIFICATION

ITEM	SPECIFICATION									
Capacitance Tolerance (120Hz 20°C)	±20% (M)									
Rated Working Voltage	4~ 50V									
Temperature Range	- 40~ 85 ° C									
Dissipation Factor (tan δ) (120Hz 20°C)	WV	D.F.	4	6.3	10	16	25	35	50	
			Ø 3	0.37	0.28	0.22	0.18	0.16	0.14	0.14
			Ø 4 Ø~ 6.3	0.35	0.26	0.20	0.16	0.14	0.12	0.12
			Ø 8 ~Ø 10	0.40	0.35	0.26	0.20	0.16	0.14	0.12
Leakage Current	I 0.01CV or 3 Whichever is greater									
	After rated voltage applied for 2 minutes									
	Where I : Leakage Current (µA) C : Capacitance (µF) V : Rated Voltage (V)									
Low Temperature Characteristics	Impedance ratio at 120Hz									
	Comparison Z/WV	4	6.3	10	16	25	35	50		
	- 25 + 20	7	4	3	2	2	2	2		
	- 40 + 20°C	15	8	6	4	3	3	3		
Load Life	After 2000 hours application of W. V. at 85°C the capacitor shall meet the following limits.									
	Capacitance Change				±20% of Initial Value					
	Dissipation Factor				200% of Initial Specified Value					
	Leakage Current				Initial Specified Value					
Shelf Life	After 500 hours to place at 85°C without rated voltage applied, the capacitor shall meet the limits as load life.									
Others	Satisfied JIS C-5141									

DI MENSIONS I N M M (NOT TO SCALE)

mm



ØD	L	A	H	I	W	P	K
3.0	5.4	3.3	4.5 MAX	1.5	0.55 ± 0.1	0.6 ± 0.1	+0.15 0.35 -0.20
4.0	5.4	4.3	5.5 MAX	1.8	0.65 ± 0.1	1.0 ± 0.1	+0.15 0.35 -0.20
5.0	5.4	5.3	6.5 MAX	2.2	0.65 ± 0.1	1.5 ± 0.1	+0.15 0.35 -0.20
6.3	5.4	6.6	7.8 MXA	2.6	0.65 ± 0.1	1.8 ± 0.1	+0.15 0.35 -0.20
8.0	6.2	8.3	9.5 MXA	3.4	0.65 ± 0.1	2.2 ± 0.1	+0.15 0.35 -0.20
8.0	10.2	8.3	10.0 MXA	3.4	0.90 ± 0.2	3.1 ± 0.2	0.70 ± 0.2
10.0	10.2	10.3	12.0 MXA	3.5	0.90 ± 0.2	4.6 ± 0.2	0.70 ± 0.2

RIPPLE CURRENT COEFFICIENTS

Frequency Multipliers

Frequency Hz	~60	120	1K	10K
Coefficient	0.80	1.00	1.15	1.25

Temperature Multipliers

Temperature	~75	85
Coefficient	1.3	1.0



CASE SIZE & MAX RIPPLE CURRENT

CASE SIZE ØDXL mm MAX RIPPLECURRENT mA/85 , 120Hz

WV μF	4		6.3		10		16		25		35		50	
0.1													4x5.4	1
0.22													4x5.4	2
0.33													4x5.4	3
0.47													4x5.4	5
1.0													4x5.4	10
2.2											3x5.4	8	4x5.4	16
3.3											3x5.4	10	4x5.4	16
4.7									4x5.4	22	4x5.4	22	4x5.4	16
10							4x5.4	28	5x5.4	28	5x5.4	30	5x5.4	23
22	3x5.4	19	4x5.4	20	4x5.4	28	5x5.4	39	6.3x5.4	55	6.3x5.4	60	6.3x5.4	35
33	4x5.4	26	5x5.4	22	5x5.4	43	5x5.4	45	6.3x5.4	65	8x6.2	130	8x6.2	110
47	4x5.4	34	5x5.4	46	5x5.4	43	6.3x5.4	70	8x5.4	165	8x10.2	165	8x10.2	120
100	5x5.4	61	6.3x5.4	71	6.3x5.4	71	8x6.2	200	8x5.4	180	10x10.2	210	10x10.2	130
220	6.3x5.4	82	8x6.2	250	8x6.2	250	8x10.2	280	10x10.2	310				
330			8x6.2	300	8x10.2	330	10x10.2	380						
470			8x10.2	380	10x10.2	400	10x10.2	420						
1000			10x10.2	700										

For more information, or to purchase call E.C.C. Inc @ 1-800-214-8769