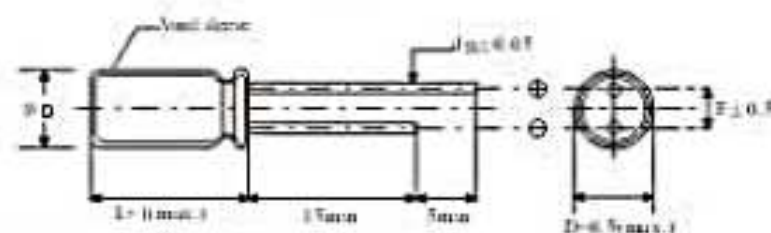


FEATURES

- Thin height to meet the requirement of smaller, thinner electronic products.
- Applications for VTR, calculators, micro video and audio products etc.

DIMENSIONS



	mm			
D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45		0.50	

SPECIFICATIONS

Item	Characteristics								
Operation Temperature	-40 ~ +85℃								
Rated Working Voltage Range	4 ~ 63VDC								
Capacitance Tolerance (120Hz, 25℃)	± 20%(M)								
Leakage Current (25℃)	I≤0.01CV or 3(μA) I: Leakage Current (μA) C: Rated Capacitance (μF) V: Working Voltage (V) (After 2 minutes applying the DC working voltage)								
Surge Voltage (25℃)	WV	4	63	10	16	25	35	50	63
	SV	5	8	13	20	32	44	63	79
Dissipation Factor (120Hz, 25℃) (tanδ)	WV	4	63	10	16	25	35	50	63
	tanδ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10
Temperature Characteristics	WV	4	63	10	16	25	35	50	63
	-25℃/+25℃	7	4	3	2	2	2	2	2
	-40℃/+25℃	15	8	6	4	4	3	3	3
Load Test	Impedance ratio at 120Hz								
	After 1000 hours application of WV at +85℃, the capacitor shall meet the following limits.								
	Capacitance Change				≤ ± 20% of initial value				
	tan δ				≤ 200% of initial specified value				
Shelf Test	Leakage Current				≤ initial specified value				
	After 500 hours, no voltage applied at +85℃, the capacitor shall meet the following limits.								
	Capacitance Change				≤ ± 20% of initial value				
	tan δ				≤ 200% of initial specified value				
Shelf Test	Leakage Current				≤ 200% of initial specified value				

DIMENSIONS

D×L(mm)

μF \ WV	4	6.3	10	16	25	35	50	63
0.1						→	4×7	4×7
0.22						→	4×7	4×7
0.33						→	4×7	4×7
0.47						→	4×7	4×7
1						→	4×7	4×7
2.2						→	4×7	4×7
3.3						→	4×7	4×7
4.7						→	4×7	4×7
10			→	4×7	4×7	4×7	5×7	5×7
22		→	4×7	4×7	5×7	5×7	6.3×7	6.3×7
33		→	4×7	4×7	5×7	6.3×7	8×7	
47		→	4×7	5×7	6.3×7	6.3×7		
100	5×7	5×7	5×7	6.3×7	6.3×7			
220	6.3×7	6.3×7	6.3×7	8×7				
330	6.3×7	8×7	8×7					
470	8×7	8×7						

PERMISSIBLE RIPPLE CURRENT

mA(msec) at 100Hz, 85°C

μF \ WV	4	6.3	10	16	25	35	50	63
0.1						→	3	4
0.22						→	3	4
0.33						→	5	6
0.47						→	6	7
1						→	10	12
2.2						→	18	20
3.3						→	22	25
4.7						→	27	31
10			→	28	31	34	42	47
22		→	36	42	48	54	58	83
33		→	45	54	60	69	95	
47		→	56	65	86	91		
100	60	73	80	93	102			
220	112	135	145	170				
330	128	150	184					
470	155	190						