

- Super miniature size.
- Designed for use in VTRs, car radios, Car stereos. Micro-cassette tape recorders, pocket calculators and watches.

Characteristics

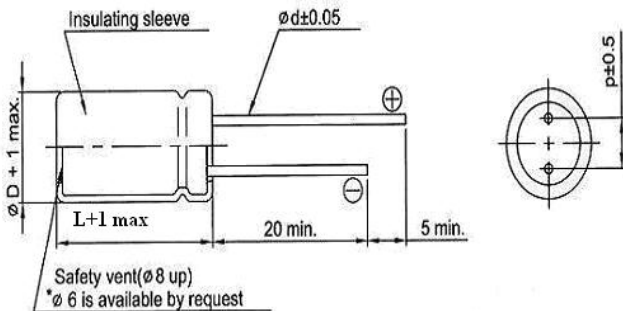
Voltage Range	4 ~ 63V										
Capacitance Range	0.47 ~ 330uF										
Temperature Range	-40 ~ + 105°C										
Capacitance Tolerance	±20% at 120Hz, 20°C (10% Tol. is available upon request)										
Leakage Current	I≤0.01CV or 3uA, whichever is greater (After 2 minutes)										
Dissipation Factor	Rated Voltage (V)	4V	6.3V	10V	16V	25V	35V	50V	63V		
	Dissipation Factor(tanδ)max	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10	(at 20°C, 120Hz)	
Stability at Low Temperature	Impedance ration at 120Hz										
	Rated Voltage (V)	4V	6.3V	10V	16V	25V	35V	50V	63V		
	Z-25°C/Z 20°C	7	4	3	2	2	2	2	2		
	Z-40°C/Z 20°C	15	8	6	4	4	3	3	3		
Load Life	After the rated voltage has been applied for 1000 hours at 105°C	Capacitance change	Within ±20% of initial value								
		D.F. tanδ	200% or less of initial specified value								
		Leakage current	Less than Initial specified value								
Shelf Life	After storage for 1000 hours at 105°C with no voltage applied, the capacitor shall meet the specified limit in load life. Pre-treatment for measurement shall be conducted after application of DC working voltage for 30 minutes.										

Case Size of Standard Products & Maximum Ripple Current (mA rms 105°C 120Hz)

Cap. ^{WV} uF	4V		6.3V		10V		16V		25V		35V		50V		63V	
	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.
0.47											→	4x7	5	4x7	6.3	
1											→	4x7	10	4x7	12	
2.2											→	4x7	17	4x7	18	
3.3											→	4x7	23	4x7	25	
4.7											→	4x7	24	4x7	26	
10						→	4x7	28	4x7	30	4x7	31	5x7	35	6.3x7	42
22						→	4x7	37	5x7	50	5x7	47	6.3x7	59		
33				→	4x7	43	4x7	45	5x7	52	6.3x7	65	8x7	75		
47				→	4x7	50	5x7	65	6.3x7	71	6.3x7	80				
100	4x7	55	5x7	65	5x7	82	6.3x7	92	8x7	113						
220	→	120	→	120	6.3x7	120	8x7	145								
330	6.3x7	120	8x7	160	8x7	165										

Size 8x7 for 1000 hours at 85°C

Diagram of dimensions



D φ	3	4	5	6.3	8
p	1±0.3	1.5	2.0	2.5	3.5
d φ	0.4	0.45			