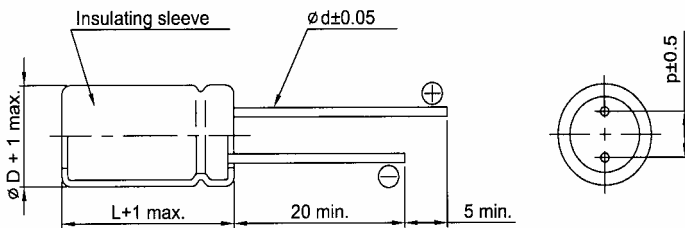


- Super miniature size.
- Designed for use in VTRs, car radios, Car stereos. Micro-cassette tape recorders, pocket calculators and watches.

Characteristics

Voltage Range	4 ~ 63V									
Capacitance Range	0.47 ~ 470uF									
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(tan δ)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 500 hours at 105°C, with no voltage applied and being stabilized at +20°C, Capacitor shall meet the limit specified in load life.									

Diagram of dimensions



D φ	4	5	6.3	8
p	1.5	2.0	2.5	3.5
d φ	0.45			0.5

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

Cap. 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	*8x9	75		
47				→	4x7	50	5x7	65	6.3x7	71	6.3x7	80				
100	4x7	55	5x7	65	5x7	82	6.3x7	92	*8x9	113						
220	→	120	→	120	6.3x7	120	*8x9	145								
330	6.3x7	120	*8x9	160	*8x9	165										
470	*8x9	160														

* 8x7 size is available Size 8x9 8x7 for 1000 hours at 85°C