

- Super Miniature and Low leakage current
- Designed for use in VCRs, car radios, Car stereos.
- Micro-cassette tape recorders, pocket calculators and watches.

Characteristics

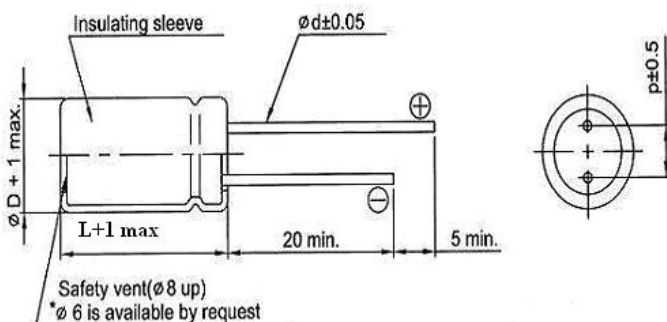
Voltage Range	6.3 ~ 63V								
Capacitance Range	0.47 ~ 100uF								
Temperature Range	-40 ~ + 105°C								
Capacitance Tolerance	±20% at 120Hz, 20°C (10% Tol. is available upon request)								
Leakage Current	I ≤ 0.002CV or 0.4uA, whichever is greater (After 3 minutes)								
Dissipation Factor	Rated Voltage (V)	6.3V	10V	16V	25V	35V	50V	63V	
	Dissipation Factor (tanδ)max	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)	6.3V	10V	16V	25V	35V	50V	63V	
	Z-25°C/Z 20°C	4	3	2	2	2	2	2	
	Z-40°C/Z 20°C	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. uF	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.	
0.47									→	→	4x7	7	4x7	7	
1			ALL BLANK VOLTAGE ON SLEEVE MARKING IS SAME VOLTAGE "→" POINT TO							→	→	4x7	10	4x7	10
2.2										→	→	4x7	16	4x7	16
3.3										→	→	4x7	20	5x7	19
4.7										→	→	4x7	21		
10			→	→	4x7	27	4x7	29	5x7	32	5x7	35			
22	→	→	4x7	36	*5x7	40	5x7	44	6.3x7	49					
33	→	→	5x7	44	5x7	50	6.3x7	55							
47	5x7	44	5x7	49	6.3x7	62									
100	5x7	59	6.3x7	75											

*4x7 Size is available

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			