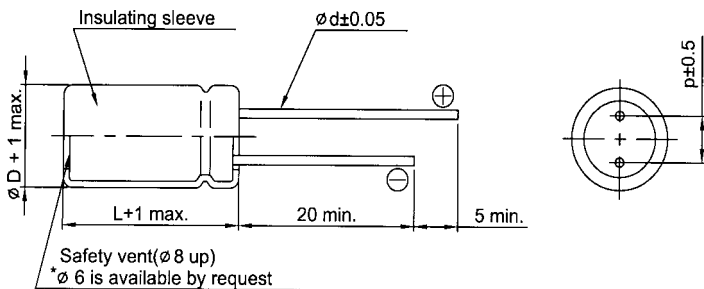


- Super miniature size.
- Designed for use in VTRs, car radios, Car stereos. Micro-cassette tape recorders, pocket calculators and watches.

**Characteristics**

<b>Voltage Range</b>	4 ~ 63V										
<b>Capacitance Range</b>	0.47 ~ 470uF										
<b>Temperature Range</b>	-40 ~ + 105°C										
<b>Capacitance Tolerance</b>	+20% -20% (at 20°C, 120Hz)										
<b>Leakage Current</b>	I≤0.01CV or 3uA, whichever is greater (After 2 minutes)										
<b>Dissipation Factor</b>	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)	
<b>Stability at Low Temperature</b>	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		
<b>Load Life</b>	After the rated voltage has been applied for 1000 hours at 105°C	Capacitance change	Within ±20% of initial value								
		D.F. tanδ	200% of less of initial specified value								
		Leakage current	Initial specified value of less								
<b>Shelf Life</b>	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**



<b>D φ</b>	4	5	6	8
<b>p</b>	1.5	2.0	2.5	3.5
<b>d φ</b>	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	6x7	42
22						→	4x7	37	5x7	50	5x7	47	6x7	59		
33				→	4x7	43	4x7	45	5x7	52	6x7	65	8x7	75		
47				→	4x7	50	5x7	65	6x7	71	6x7	80				
100	4x7	55	5x7	65	5x7	82	6x7	92	*8x9	113						
220	→	120	→	120	6x7	120	*8x9	145								
330	6x7	120	8x7	160	*8x9	165										
470	*8x9	160														

\* 8x7 size is available