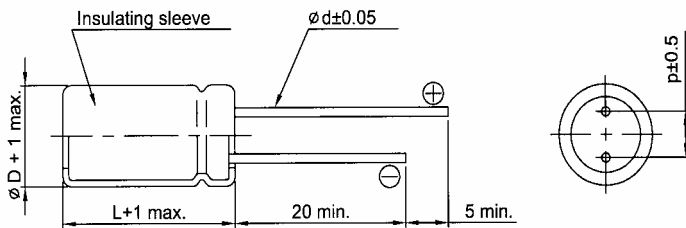


- Super miniature size.
- Designed for use in VTRs, car radios, Car stereos. Micro-cassette tape recorders, pocket calculators and watches.

### Characteristics

<b>Voltage Range</b>	4 ~ 63V								
<b>Capacitance Range</b>	0.47 ~ 330uF								
<b>Temperature Range</b>	-40 ~ + 105°C								
<b>Capacitance Tolerance</b>	±20% at 120Hz , 20°C ( 10% Tol. is available upon request)								
<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% or less of initial specified value						
		Leakage current	Less than Initial specified value						
<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	6.3	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	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