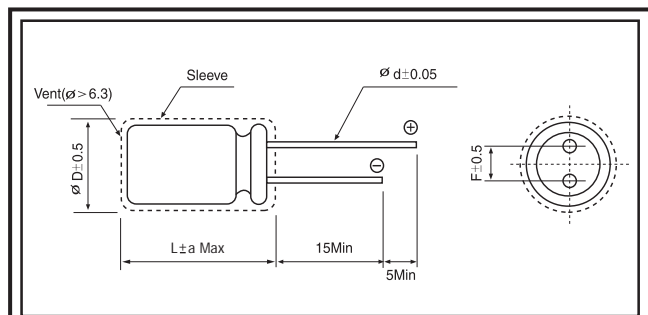


- Low Impedance Wide Temp Range
- Reduced Impedance at High Frequency
- For Miniaturized and High Performance Equipments

■ SPECIFICATIONS

Operating Temperature Range	-40 ~ +125°C				
Capacitance Tolerance	±20% (at 20°C, 120Hz)				
Leakage Current	I ≤ 0.02 CV or 3 μA whichever is greater (at 20°C, after 2 minutes) C: Nominal Capacitance (μF) V: Rated Voltage (V)				
Dissipation Factor (at 20°C, 120Hz)	Rated Voltage(V)	6.3	10	16	25
	tan δ	0.2	0.16	0.14	0.12
Temperature Characteristics (Impedance Ratio at 120Hz)	W.V	6.3	10	16	25
	Z(-25°C)/Z(+20°C)	5	5	5	4
Load Life (+125°C)	Time	2,000 hours after an application of DC bias voltage plus the rated ripple current. The peak voltage shall not exceed rated DC voltage			
	Capacitance Change	Within ±25% of the initial value			
	Dissipation Factor	200% of the initial specified value or less			
	Leakage Current	The specified value or less			
Shelf Life (+125°C)	1000 hours. No Voltage Applied. After Test: U _R to be applied for 30 minutes, 24 to 48 hours before measurement.				

■ DIMENSION



ØD	8	10	12.5
F	3.5	5.0	
Ød	0.5 ; L=20:0.6		0.6
a	1.5		

■ MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

Cap (μF)	Freq(Hz)			
	120	1K	10K	100K
100 ~ 330	0.45	0.75	0.95	1.0
470 ~ 4700	0.55	0.80	0.95	1.0

■ STANDARD RATINGS

uF	V	6.3			10			16		
		Size (mm)	Impedance	Ripple	Size (mm)	Impedance	Ripple	Size (mm)	Impedance	Ripple
		ØDxL	Ω	mArms	ØDxL	Ω	mArms	ØDxL	Ω	mArms
330		8x12	0.050	350	8x12	0.049	350	8x12	0.050	350
470		8x14	0.050	380	8x16	0.049	420	10x13	0.042	750
560		8x14	0.050	380	8x16	0.039	420			
1000		10x13	0.034	750	10x13	0.039	750	10x20	0.034	1350
1500		8x20	0.021	850	10x20	0.023	1350	10x25	0.024	1680
1800		10x16	0.021	900	10x20	0.023	1350	10x25	0.024	1680
2200		10x20	0.017	1350	10x25	0.023	1680	12.5x25	0.024	2180
2700		10x25	0.018	1680						
3300		10x25	0.016	1680						

uF	V	25		
		Size (mm)	Impedance	Ripple
		ØDxL	Ω	mArms
100		8x12	0.075	350
220		8x16	0.045	420
330		8x20	0.040	850
470		10x16	0.037	900
560		10x16	0.025	900

Ripple Current: mA(rms) at 100KHz, 125°C