



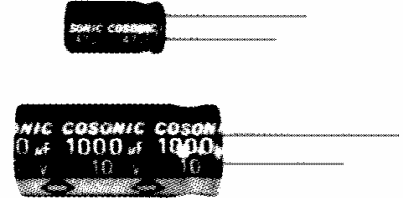
ALUMINUM ELECTROLYTIC CAPACITOR

TYPE RE

LOW ESR, HIGH RIPPLE CURRENT, RADIAL LEADS

FEATURES:

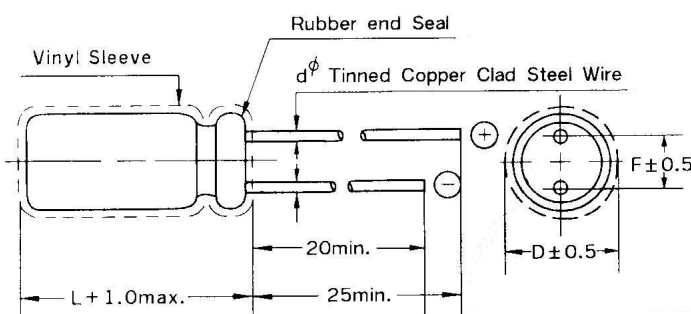
- Low impedance and ESR, high ripple current, suitable for switching power supplies and other high frequency equipment.



SPECIFICATIONS:

Item	Type RE									
Operating Temperature Range	-40 to +105									
Capacitance tolerance	±20% at 120 Hz, 20									
Leakage Current (I=DC Current in µ A max.)	I ≤ 0.01CV or 3 µ A , measured after 3 minutes application of rated working voltage Where, C =Rated Capacitance (µ F) V =Rated Working Voltage (V DC)									
Working Voltage (DC)	6.3V	10V	16V	25V	35V	50V	63V	100V		
Surge Voltage (DC)	8V	13V	20V	32V	40V	63V	79V	125V		
Dissipation Factor (tan δ) max. at 120 Hz	0.18	0.15	0.12	0.10	0.08	0.06	0.06	0.06	0.06	
Impedance Ratio at Low Temperature at 120 Hz	W.V.		6.3V	10V	16V	25V	35V	50V	63V	100V
	Z@ -25 / Z@ +20		4	3	3	2	2	2	2	2
	Z@ -40 / Z@ +20		6	5	4	3	3	3	3	3
Load Life Test (after 1000 hours application of the rated voltage, at 105 °C)	The capacitor shall meet following limits: Capacitance Change ±20% of initial value Leakage Current specified maximum value Dissipation Factor 200% of specified maximum value									
Shelf Life Test (after 1000 hours exposing at 105 °C without voltage applied)	The capacitor shall meet following limits: Capacitance Change ±20% of initial value Leakage Current specified maximum value Dissipation Factor 200% of specified maximum value									

DIAGRAM OF DIMENSION



Dimensions in mm

D	8	10	13
F	3.5	5.0	5.0
d	0.5	0.6	0.6