



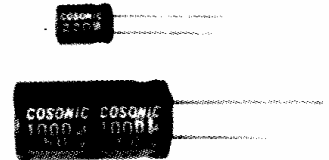
ALUMINUM ELECTROLYTIC CAPACITOR

TYPE RI

LOW IMPEDANCE TYPE, RADIAL LEADS

FEATURES:

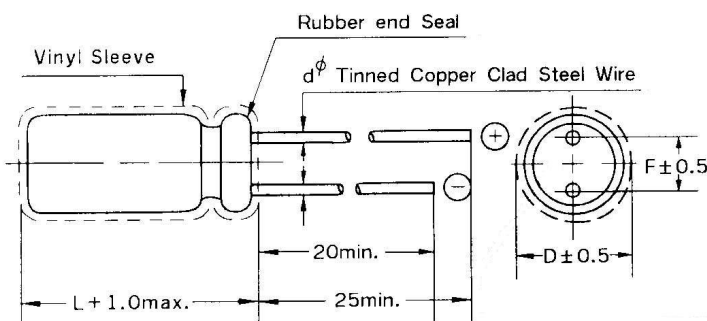
- Low impedance and high ripple current suitable for switching power supplies and other high frequency equipment.



SPECIFICATIONS:

Item	Type RI							
Operating Temperature Range	-55 to +105							
Capacitance tolerance	±20% at 120 Hz, 20							
Leakage Current (I=DC Current in μ A max.)	I ≤ 0.01CV, measured after 3 minutes application of rated working voltage. Where, C =Rated Capacitance (μ F) V =Rated Working Voltage (V DC)							
Working Voltage	10V	16V	25V	35V	50V	63V	100V	
Surge Voltage	13V	20V	32V	44V	63V	79V	125V	
Dissipation Factor (tan δ) max. at 120 Hz	0.12	0.10	0.09	0.08	0.07	0.06	0.06	
(For capacitance exceeds 1000 μ F, the value of tan δ is increased by 0.02 for every additional 1000 μ F)								
Impedance Ratio at Low Temperature at 120 Hz	W.V.	10V	16V	25V	35V	50V	63V	100V
	Z@ -25 / Z@ +20	3	3	2	2	2	2	2
	Z@ -40 / Z@ +20	6	6	4	4	4	4	4
Load Life Test (after 2000 hours application of the rated voltage, at 105 °C)	The capacitor shall meet following limits: Capacitance Change ±15% of initial value Leakage Current specified maximum value Dissipation Factor 150% of specified maximum value							
Shelf Life Test (after 500 hours exposing at 105 °C without voltage applied)	The capacitor shall meet following limits: Capacitance Change ±15% of initial value Leakage Current 200% specified maximum value Dissipation Factor 150% of specified maximum value							

DIAGRAM OF DIMENSION



Dimensions in mm

	8	10	13	16	18
D	8	10	13	16	18
F	3.5	5.0	5.0	7.5	7.5
d	0.6	0.6	0.6	0.8	0.8