



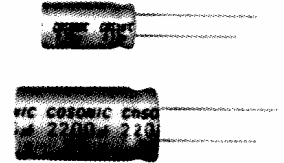
ALUMINUM ELECTROLYTIC CAPACITOR

TYPE RX

MINIATURE, LOW ESR, HIGH RIPPLE CURRENT, RADIAL LEADS

FEATURES:

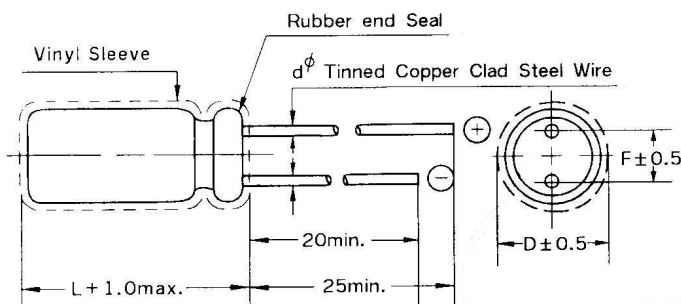
- Miniature size, low impedance and ESR, high ripple current, wide operating temperature
- Ideal for use in compact DC-DC converters, switching power supplies and other high frequency applications.



SPECIFICATIONS:

Item	Type RX							
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 or 3 μ A , whichever is greater measured after 2 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	
Surge Voltage (DC)	8V	13V	20V	32V	40V	63V	79V	
Dissipation Factor (tan δ) max. at 120 Hz	0.24	0.20	0.16	0.14	0.12	0.10	0.08	
(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.	6.3V	10V	16V	25V	35V	50V	63V
	Z@ -55 / Z@ +20	4	4	3	3	3	2	2
Load Life Test (at 105 °C) (For case sizes of 4, 5, 6.3 and 8 mm, after 1000 hours application of the rated voltage) (For case sizes over 8mm, after 2000 hours application of the rated voltage)	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

	4	5	6.3	8	10	13	16
D	4	5	6.3	8	10	13	16
F	1.5	2.0	2.5	3.5	5.0	5.0	7.5
d	0.45	0.5	0.5	0.5	0.6	0.6	0.8