



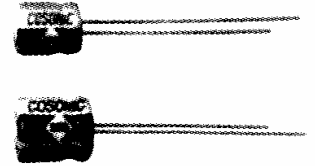
# ALUMINUM ELECTROLYTIC CAPACITOR

## TYPE RS, RSF

### SUBMINIATURE SIZE 7MM HEIGHT, RADIAL LEADS

#### FEATURES:

- 7mm height Subminiature standard size
- **Type RS** -- Subminiature size, suitable for large capacitance in compact circuits.
- **Type RSF** -- Subminiature size with longer load life



#### SPECIFICATIONS:

Item	Type RS				Type RSF				
Life (at 85°C)	1000 Hours				2000 Hours				
Operating Temperature Range	-40°C to +85°C								
Capacitance tolerance	±20% at 120 Hz, 20°C								
Leakage Current (I=DC Current in μA max.)	$I \leq 0.01CV + 3 \mu A$ , measured after 3 minutes application of rated working voltage. Where, C =Rated Capacitance (μF) V =Rated Working Voltage (V DC)								
Working Voltage (DC)	6.3V	10V	16V	25V	35V	50V	63V		
Surge Voltage (DC)	8V	13V	20V	32V	44V	63V	79V		
Dissipation Factor ( tan δ ) max at 120 Hz	0.24	0.20	0.16	0.14	0.12	0.10	0.10		
Impedance Ratio at Low Temperature at 120 Hz	W.V.		6.3V	10V	16V	25V	35V	50V	63V
	Z@ -25°C / Z@ +20°C		4	3	2	2	2	2	2
	Z@ -40°C / Z@ +20°C		10	8	6	4	4	3	3
Load Life Test (after application of the rated voltage, at 85°C)	<b>Type RS</b> for 1000 hours				<b>Type RSF</b> for 2000 hours				
	The capacitor shall meet following limits: Capacitance Change $\leq \pm 20\%$ of initial value Leakage Current $\leq$ specified maximum value Dissipation Factor $\leq 200\%$ of specified maximum value								
Shelf Life Test (after 500 hours exposing at 85°C without voltage applied)	The capacitor shall meet following limits: Capacitance Change $\leq \pm 20\%$ of initial value Leakage Current $\leq$ specified maximum value Dissipation Factor $\leq 200\%$ of specified maximum value								