



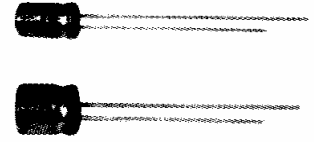
ALUMINUM ELECTROLYTIC CAPACITOR

TYPE RST

SUBMINIATURE SIZE FOR HIGH TEMPERATURE USE

FEATURES:

- 105°C operating temperature range, subminiature standard size
- suitable for high temperature consumer and industrial equipment



SPECIFICATIONS:

Item	Type RST							
Operating Temperature Range	-40°C to +105°C							
Capacitance tolerance	±20% at 120 Hz, 20°C							
Leakage Current (I=DC Current in μ A max.)	$I \leq 0.01CV + 3 \mu A$, 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	
Surge Voltage (DC)	8V	13V	20V	32V	40V	63V	79V	
Dissipation Factor ($\tan \delta$) max. at 120 Hz	0.24	0.20	0.17	0.15	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	4	3	2	2	2	2
	Z@ -40°C / Z@ +20°C	10	8	6	4	4	4	3
Load Life Test (after 1000 hours application of the rated voltage, at 105°C)	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 105 °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							