



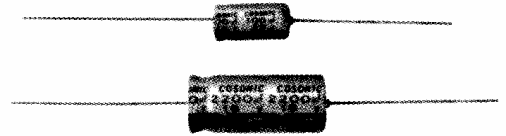
# ALUMINUM ELECTROLYTIC CAPACITOR

## TYPE TT

### MINIATURE STANDARD SIZE, AXIAL LEADS FOR HIGH OPERATING TEMPERATURE USE

#### FEATURES:

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



#### SPECIFICATIONS:

Item	Type TT								
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 + 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	0.24	0.20	0.17	0.15	0.12	0.10	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	100V
	Z@ -25 °C / Z@ +20 °C	4	3	3	2	2	2	2	2
	Z@ -40 °C / Z@ +20 °C	8	6	6	4	4	4	4	4
Load Life Test (after 1000 hours application of the rated voltage, at 105 °C)	The capacitor shall meet following limits: Capacitance Change ±25% of initial value Leakage Current specified maximum value Dissipation Factor 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 ±25% of initial value Leakage Current specified maximum value Dissipation Factor 200% of specified maximum value								