



ALUMINUM ELECTROLYTIC CAPACITOR

TYPE RHT

MINIATURE STANDARD SIZE, HIGH VOLTAGE, RADIAL LEADS FOR HIGH TEMPERATURE USE

FEATURES:

- 105 °C operating temperature range
- Suitable for high temperature consumer and industrial equipment



SPECIFICATIONS:

Item	Type RHT					
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=0.01CV+40 μ A for CV ≤ 1000 or I=0.04CV+100 μ A for CV > 1000, measured after 3 minutes application of rated working voltage. Where, C =Rated Capacitance (μ F) V =Rated Working Voltage (V DC)					
Working Voltage (DC)	160V	200V	250V	350V	400V	
Surge Voltage (DC)	200V	250V	300V	400V	500V	
Dissipation Factor (tan δ) max. at 120 Hz	0.20	0.20	0.20	0.24	0.24	
(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.	160V	200V	250V	350V	400V
	Z@ -25 °C / Z@ +20 °C	3	3	3	6	6
	Z@ -40 °C / Z@ +20 °C	4	4	4	6	6
Load Life Test (after 500 hours application of the rated voltage, at 105 °C)	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					