

Conductive Polymer Hybrid Aluminum Electrolytic Capacitors (Standard Type)- Radial Type

Features

- Low profile Low DC Leakage current High reliability.
- 105 5000
- Endurance: 5000 h at 105 .



Specifications

Items	Characteristics						
Operating Temperature Range	-55- +105						
Rated Voltage Range	10- 100V DC						
Nominal Capacitance Range	22- 2200µF						
Nominal Capacitance Tolerance	± 20% 20 120Hz						
Leakage Current	0.05CV(µA) or 80µA , whichever is greater 20 C 2 at 20 after 2 minutes (µF) V (VDC)						
tg Dissipation Factor (Max)	20 , 120Hz <table border="1"> <tr> <td>(Vdc)</td> <td>10- 25V</td> <td>35- 100V</td> </tr> <tr> <td>Tg</td> <td>0.14</td> <td>0.10</td> </tr> </table>	(Vdc)	10- 25V	35- 100V	Tg	0.14	0.10
(Vdc)	10- 25V	35- 100V					
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ESR	Reference parameter table (m at 100k- 300kHz 20 max)						
Characteristics of impedance ratio at high temp. and low temp	100KHZ Z -25 /Z +25 1.5 Based the value at 100KHZ. Z -55 /Z +25 2.0						
Load Life	105 5,000 20 The capacitor shall be subjected to application of the D.C. voltage with full rated ripple current at +105 for 5000 hours. After stabilizing at 20 , the capacitor shall not exceed the specified limits. (The sum of DC voltage and ripple peak voltage shall not exceed the rated voltage.)						
	Capacitance Change ± 25% Within ± 25% of the initial value						
	Dissipation Factor 200% Not to exceed 200% of the value specified						
	Equivalent Series Resistance 200% Not to exceed 200% of the value specified						
	Leakage Current Not to exceed the value specified						
Shelf Life Test	105 ± 2 1000H 20 After storage for 1000 hours at +105 ± 2 with no voltage applied and then being stabilized at +20 the capacitor shall not exceed the specified values listed below.						
	Capacitance Change ± 25% Within ± 25% of the initial value						
	Dissipation Factor 200% Not to exceed 200% of the value specified						
	Equivalent Series Resistance 200% Not to exceed 200% of the value specified						
	Leakage Current Not to exceed the value specified						

