

SPECIFICATION FOR APPROVAL

CUSTOMER _____

PART NAME Aluminum Electrolytic Capacitors

SPEC CD293 4700uF 35V +/-20% 22x30mm bulk RoHS

PART NO _____

DATE 2025-07-17

CUSTOMER APPROVE

DRAWING

PREPARED

CHECKED

APPROVED

Suntan Technology Company Limited

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STANDARD RATINGS

capacitance	Voltage	tolerance	dimension	Picth	Rated Ripple Current 85°C,120Hz Arms	2000H at 85C
(μF)	(V)	(%)	(mm)	+/-0.1		
4700	35	+/-20%	22*30	10	2.2A	

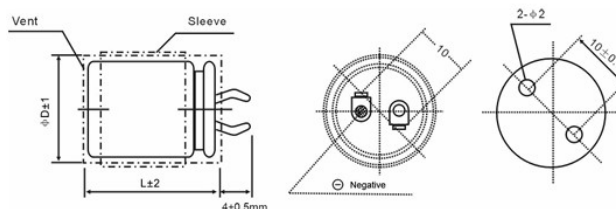
Frequency coefficient

Frequency(Hz) Rated Voltage(V)	50	120	1K	10K	20K
35	0.95	1	1.10	1.15	1.15

Temperature coefficient:

Temperature(°C)	+40	+55	+70	+85
Factor	2.1	1.8	1.5	1

Diagram of dimensions (mm)



SPECIFICATIONS

Items	Performance Characteristics	
Operating Temperature Range (℃)	-40℃ ~ +85℃	
Voltage Range (V)	35	
Capacitance Range (uF)	4700μF	
Capacitance Tolerance (25℃, 120Hz)	±20%	
Leakage Current (μA)	0.01CV or 1.5mA whichever is smaller. (at 25℃, after 5 minutes) C:Nominal capacitance (μF) V: Rated Voltage (V)	
Dissipation Factor (20℃, 120Hz)	When nominal capacitance is over 1000μF, tan δ shall be added 0.01 to the listed value with increase of every 1000μF.	
	Rated Voltage (V)	35
	Tan δ (max)	0.30
Temperature Stability (120Hz)	Rated Voltage (V)	
	35	
	Impedance Ratio	Z-25℃/Z+20℃
		Z-40℃/Z+20℃
Load Life (+85℃)	Time	2000hours
	Leakage Current	Not more than the specified value
	Capacitance Change	Within±20% of the initial value
	Dissipation Factor	Not more than 200% of the specified value
Shelf Life (+85℃)	Time	1000hours
	Leakage Current	Not more than the specified value.
	Apacitance Change	Within±15% of the initial value
	Dissipation Factor	Not more than 150% of the specified value.
After test: U _R to be applied for 60 minutes, 24 to 48 hours before measurement.		

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