

ALUMINUM ELECTROLYTIC CAPACITOR

Suntan®

FOR AIR CONDITIONER

TS13D CDIN

FEATURES

- Load life of 2000 hours at 85°C
- High ripple current
- Use for air conditioner, general-purpose inverter

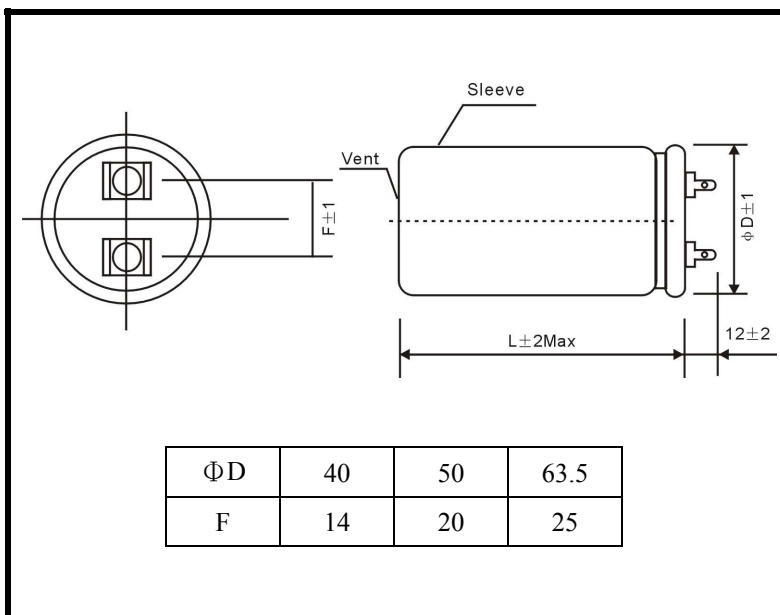


◆ Specifications

ITEMS		PERFORMANCE CHARACTERISTICS	
Rated Voltage Range(V)		400~450	
Operating Temperature Range(°C)		-25~+85	
Capacitance Tolerance(25°C, 120Hz)		±20%	
Leakage Current(μA)		0.02CV or 5mA, whichever is smaller. (at 25°C, after 5 minutes) Where, C: Nominal capacitance (μF) V: Rated voltage (V)	
Dissipation Factor(20°C, 120Hz)		0.20	
Load Life (+85°C)	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°C)	Time	500hours	
	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.	
After Test: U _R to be applied for 60 minutes, 24 to 48 hours before measurement			

◆ Dimensions

mm



◆ Multiplier for ripple current

Frequency coefficient

Frequency(Hz)	50,60	120	300	1K	10K
Factor	0.7	1.0	1.10	1.20	1.50

Temperature coefficient

Temperature(°C)	+40	+55	+70	+85
Factor	2.6	2.2	1.7	1.0

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◆ STANDARD RATINGS

WV (V) / Cap (uF)	400			450		
	Case Size (□DxL, mm)	Tg δ (25°C 120Hz)	Ripple Current (Arms 85°C 120Hz)	Case Size (□DxL, mm)	Tg δ (25°C 120Hz)	Ripple Current (Arms 85°C 120Hz)
1000	40x100	0.20	4.0	50x80	0.20	4.2
1300	40x100	0.20	4.8	--	--	--
1500	50x80	0.20	5.0	50x100	0.20	5.2
1800	50x100	0.20	5.6	--	--	--
2000	50x100	0.20	5.8	--	--	--
2200	50x120	0.20	6.5	63.5x100	0.20	6.8
2400	63.5x100	0.20	6.9	63.5x100	0.20	7.1

Note: Specification are subject to change without notice. For more detail and update, please visit our website.