

ALUMINUM ELECTROLYTIC CAPACITOR

Suntan®

FOR SPEAKER NETWORK

www.suntan.com.hk

TS13D CD71A

FEATURES

- Load life of 1000 hours at 85°C
- Bi-polar
- Low dissipation factor and excellent frequency characteristics
- For speaker crossover networks, Hi-Fi audio.



◆ Specifications

I T E M S		P E R F O R M A N C E		C H A R A C T E R I S T I C S	
Operating Temperature Range(°C)	-40~+85				
Rated Voltage Range (V)	50				
Capacitance Tolerance(25°C, 1KHz)	P grade: ±15%; D grade: ±20%				
Leakage Current(µA)	0.03CV+4µA (at 25°C, after 5 minutes) Max C: Nominal Capacitance (µF) V: Rated Voltage (V)				
Dissipation Factor(25°C)	Frequency	1KHz	10KHz		
	P grade	0.05	0.15		
	D grade	0.15	0.50		
Load Life (+85°C)	Time	1000hours (500+500 hours) turn over polarity			
	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)	500 hours. No voltage applied. After test:U _R to be applied for 30 minutes, 24 to 48 hours before measurement.				

◆ Dimensions

mm

ΦD	6.3	8	10	12.5	16	18
Φd±0.05	0.5	0.6		0.8		
F	2.5	3.5	5.0		7.5	
a Max	D<18 +1.5 -1.0	D=18				
		L<35.5 +1.5 -1.0	L≥35.5 +2.0 -1.0			
b Max	D<18	0.5				
	D≥18	1.0				

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◆ STANDARD RATINGS

P grade

WV (V) / Cap (μF)	50	
	Size	Ripple
	<input type="checkbox"/> DxL (mm)	mArms
1	10x20	60
1.5	10x20	76
2.2	12.5x20	96
3.3	16x25	144
4.7	16x25	192
6.8	16x31.5	228
10	18x40	264

Ripple Current : 85°C, 1KHz

D grade

WV (V) / Cap (μF)	50	
	Size	Ripple
	<input type="checkbox"/> DxL (mm)	mArms
1	6.3x11	27
1.5	6.3x11	30
2.2	8x11.5	34
3.3	8x11.5	60
4.7	8x11.5	76
6.8	10x12.5	94
10	10x16	112
15	10x20	138
22	12.5x20	234
33	12.5x25	288
47	16x25	360
68	16x31.5	450
100	16x31.5	540

Ripple Current : 85°C, 1KHz

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