

125℃ , 1000 HOURS

TS13D CD265

FEATURES

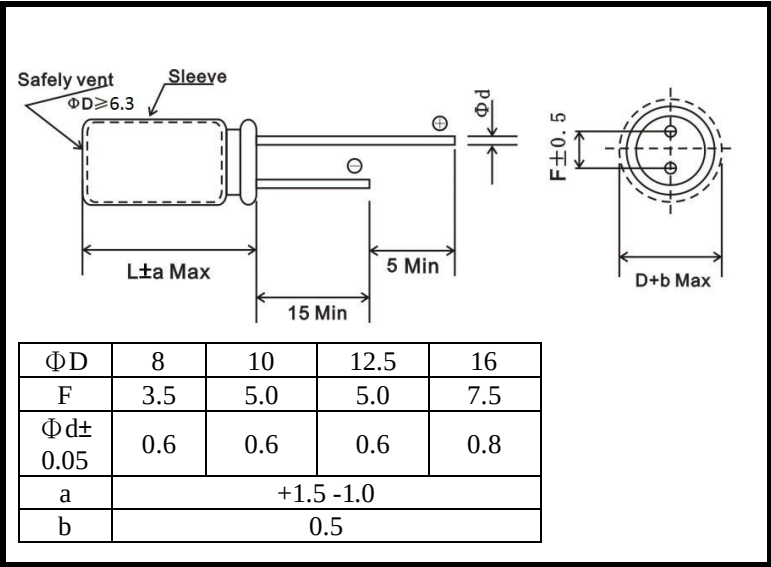
- Load life of 1000 hours at 125℃ (Equivalent to 16000 hours life at 85℃)
- Very low leakage current

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(℃)	-40~+125								
Capacitance Tolerance(25℃, 120Hz)	±20%								
Leakage Current(μ A)	0.002CV or 2 μ A whichever is greater. (at 25℃, after 5 minutes) C: Nominal Capacitance (μ F) V: Rated Voltage (V)								
Dissipation Factor(25℃, 120Hz)									
	Rated Voltage	10	16	25	35	50	63	100	
	Tan δ	0.20	0.17	0.17	0.12	0.10	0.10	0.10	
Temperature Stability (120Hz)									
	Rated Voltage		10	16	25	35	50	63	100
	Impedance	Z-25℃/Z+20℃	2	2	2	2	2	2	2
Ratio		Z-40℃/Z+20℃	8	6	4	4	4	4	3
Load Life (125℃)									
	Time		1000hours						
	Leakage Current		Not more than the specified value.						
	Capacitance Change		Within±15% of the initial value						
	Dissipation Factor		Not more than 150% of the specified value.						
Shelf Life (125℃)	500 hours. No voltage applied. After test:U _R to be applied for 30 minutes, 24 to 48 hours before measurement.								

Dimensions

mm



Multiplier for ripple current

Frequency coefficient

Freq(H) z)	60(50)	120	500	1K	≥10K
Cap(μ F)					
0.47~47	0.8	1.0	1.2	1.3	1.5
100~1000	0.8	1.0	1.1	1.15	1.2

ALUMINUM ELECTROLYTIC CAPACITOR

Suntan®

105℃, EXTRA LOW IMPEDANCE, LONG LIFE

TS13D CD265

◆ STANDARD RATINGS

WV (V) / Cap(μF)	10		16		25		35		50		63		100	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
	□DxL (mm)	mAms	□DxL (mm)	mAms	□DxL (mm)	mAms	□DxL (mm)	mAms	□DxL (mm)	mAms	□DxL (mm)	mAms	□DxL (mm)	mAms
0.47	--	--	--	--	--	--	--	--	8x11.5	3.6	--	--	8x11.5	4.8
1	--	--	--	--	--	--	--	--	8x11.5	9	--	--	8x11.5	12
2.2	--	--	--	--	--	--	--	--	8x11.5	18	--	--	8x11.5	24
3.3	--	--	--	--	--	--	--	--	8x11.5	27	8x11.5	30	10x12.5	33
4.7	--	--	--	--	--	--	--	--	8x11.5	33	8x11.5	36	10x12.5	39
10	--	--	--	--	--	--	--	--	8x11.5	51	8x11.5	54	10x20	57
22	--	--	--	--	--	--	8x11.5	72	10x12.5	90	10x12.5	96	12.5x25	102
33	--	--	--	--	8x11.5	72	10x12.5	102	10x12.5	114	10x16	126	16x25	150
47	--	--	8x11.5	81	8x11.5	87	10x12.5	120	10x16	150	10x20	171	16x25	192
100	8x11.5	105	10x12.5	141	10x16	165	10x20	222	12.5x20	282	12.5x25	306	--	--
220	10x16	207	10x20	261	10x20	279	12.5x25	405	16x25	510	16x25	525	--	--
330	10x16	252	12.5x20	360	12.5x25	420	16x25	573	16x25	642	--	--	--	--
470	10x20	342	12.5x25	462	16x25	573	16x31.5	762	--	--	--	--	--	--
1000	16x25	708	16x25	774	--	--	--	--	--	--	--	--	--	--

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