Order code	Manufacturer code	Description
11-2680	n/a	1UF 16V NON POLARISED CAPACITOR (RC)
11-2681	n/a	2U2 16V NON POLARISED CAPACITOR.(RC)
11-2682	n/a	4U7 16V NON POLARISED CAPACITOR.(RC)
11-2683	n/a	10UF 16V NON POLARISED CAPACITOR.(RC)
11-2684	n/a	22UF 16V NON POLARISED CAPACITOR.(RC)
11-2687	n/a	220UF 16V NON POLARISED CAPACITOR.(RC)
11-2688	n/a	470UF 16V NON POLARISED CAPACITOR.(RC)
11-2689	n/a	1000UF 16V NON POLARISED CAPACITOR.(RC)
11-2690	n/a	0.47UF 35V NON POLARISED CAPACITOR.(RC)
11-2691	n/a	1UF 35V NON POLARISED CAPACITOR.(RC)
11-2692	n/a	2U2 35V NON POLARISED CAPACITOR.(RC)
11-2693	n/a	4U7 35V NON POLARISED CAPACITOR.(RC)
11-2694	n/a	10UF 35V NON POLARISED CAPACITOR.(RC)
11-2695	n/a	22UF 35V NON POLARISED CAPACITOR.(RC)
11-2696	n/a	33UF 35V NON POLARISED CAPACITOR.(RC)
11-2697	n/a	47UF 35V NON POLARISED CAPACITOR.(RC)
11-2698	n/a	100UF 35V NON POLARISED CAPACITOR.(RC)
11-2699	n/a	220UF 35V NON POLAR CAP *OFFER 11-3078*
11-2700	n/a	470UF 35V NON POLAR CAP *OFFER 11-3079*
11-2701	n/a	2U2 63V NON POLARISED CAPACITOR.(RC)
11-2702	n/a	4U7 63V NON POLARISED CAPACITOR.(RC)
11-2703	n/a	10UF 63V NON POLARISED CAPACITOR.(RC)
11-2704	n/a	22UF 63V NON POLARISED CAPACITOR.(RC)
11-2705	n/a	33UF 63V NON POLARISED CAPACITOR.(RC)
11-2706	n/a	47UF 63V NON POLARISED CAPACITOR.(RC)
11-2707	n/a	100UF 63V NON POLARISED CAPACITOR.(RC)
11-2708	n/a	220UF 63V NON POLARISED CAPACITOR.(RC)
11-2709	n/a	0U47 100V NON POLARISED CAPACITOR.(RC)
11-2710	n/a	1UF 100V NON POLARISED CAPACITOR.(RC)
11-2711	n/a	2U2 100V NON POLARISED CAPACITOR.(RC)
11-2712	n/a	3U3 100V NON POLARISED CAPACITOR.(RC)
11-2713	n/a	4U7 100V NON POLARISED CAPACITOR.(RC)
11-2714	n/a	10UF 100V NON POLARISED CAPACITOR.(RC)
11-2715	n/a	22UF 100V NON POLARISED CAPACITOR.(RC)
11-2716	n/a	47UF 100V NON POLARISED CAPACITOR.(RC)
11-2717	n/a	100UF 100V NON POLARISED CAPACITOR.(RC)
11-3074	n/a	47UF 16V NON POLARISED CAPACITOR RC
11-3078	TS13DF1V221MSB000F	220UF 35V NON POLARISED CAPACITOR RC
11-3079	TS13DF1V471MSB000F	470UF 35V NON POLARISED CAPACITOR RC
11-3087	TS13DF1C101MSB000F	100UF 16V NON POLARISED CAPACITOR RC
11-3088	TS13DF1V330MSB000F	33UF 35V NON POLARISED CAPACITOR RC

The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.

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Suntan

ALUMINUM ELECTROLYTIC CAPACITOR

TS13 CD71

FEATURES

. Non-Polarized

SPECIFICATIONS

Rated voltage	-40~+85℃
Capacitance	+-20%

Dissipation Factor(20℃, 120Hz)

Rated Voltage(v)	6.3	10	16	25	35	50	63	100	160
Tan δ	0.24	0.24	0.2	0.2	0.16	0.14	0.12	0.1	0.15

Leakage current: ≤ 0.03cv or 3μA whichever is greater (at 20℃, after 5 minutes)

LOAD LIFE(85℃)

2000 hours(Polarity inverts for every 250 hours)

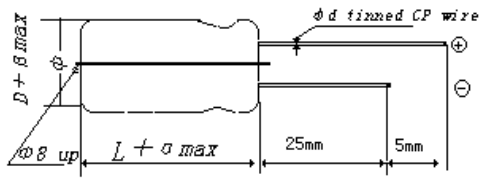
Leakage current	Not more than the specified value
Capacitance change	Within+-20% of the initial value
Dissipation factor	Not more then 150%of the specified value

Temperature Stability(120Hz)

Rated voltage(V)		6.3	10	16	25	35	50	63	100	160
Impedance ratio	Z-25℃/Z+20℃	4	3		2					4
	Z-40℃/Z+20℃	10	8	6	4	3				-

SHELF LIFE(85℃) 1000hours No voltage applied .They meet the specified value for load life characteristics listed above

DIMENSIONS OF CDLLG SERIES



ΦD	5	6.3	8	10	12.5	16	18
Φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5

MULTIPLIER FOR RIPPLE CURRENT

Frequency correction factor for ripple current

Rated Voltage	50.60	120	1K	10K	100K
6.3-16	0.8	1	1.1	1.2	1.2
25-35-	0.8	1	1.5	1.7	1.7
50-160	0.8	1	1.6	1.9	1.9

Case Size DxL(mm)

WV/V / Cap/μF	6.3	10	16	25	35	50	63	100	160V	250
0.1						5x11		5x11		
0.22						5x11		5x11		
0.33						5x11		5x11		
0.47						5x11		5x11		
1						5x11		5x11	6.3x12	6.3x12
2.2						5x11	5x11	5x11	8x12	8x12
3.3						5x11	5x11	6.3x11	10x12	10x12
4.7				5x11	5x11	5x11	5x11	6.3x11	10x16	10x16
10			5x11	5x11	5x11	6.3x11	6.3x11	8x11.5	10x20	12.5x20
22		5x11	6.3x11.4	5x11	6.3x11	6.3x12	8x11.5	10x16	12.5x20	12.5x25
33	5x11	5x11	5x11	6.3x11	6.3x11	8x12.5	10x12.5	10x20	12.5x25	
47	5x11	5x11	6.3x11	6.3x11	8x11.5	10x12.5	10x16	12.5x20	16x25	
100	6.3x11	6.3x11	8x11.5	8x12.5	20x12.5	10x20	12.5x20	16x25	18x35.5	
220	8x11.5	8x11.5	10x12.5	10x16	10x20	12.5x20	16x25	18x35.5		
330	8x11.5	10x12.5	10x16	10x20	12.5x20	12.5x25				
470	10x12.5	10x16	10x20	12.5x20	12.5x25	16x25				
1000	10x20	12.5x20	12.5x25	16x25	16x31.5					
2200	12.5x20	16x25	16x31.5							
3300	16x25	16x31.5								
4700	16x31.5	18x35.5								