



CTL Series Dipped Tantalum Capacitors (Radial Tantalum Capacitor)

Table 1 Electrical Characteristics

Rated Voltage			O	6.3	10	16	25	35	40	50	
Voltage Derating (V)			2.5	O	6.3	10	16	20	25	32	
Surge Voltage (V) +85°C			5	8	13	20	32	46	50	65	
Dimensions(mm)			Net Weight		Nominal Capacitance C(μF) _R						
\$LM	d	g	Max (g)								
(- # 4.4x6.5	0.5	2.54	0.8	O*K	2.2	1.5	0.68	0.33	0.1	0.1	0.1
				6.8	3.3	2.2	1)*OK	0.22	0.15	0.15
				10	O*K	3.3	1.5	0.68	0.33	0.22	0.22
				15	6.8	6.8	2.2	1)*OK	0.33	0.33
				22	10	10	3.3	1.5	0.68	0.47	0.47
				33	15	15	O*K	2.2	1	0.68	
					22		6.8	3.3	1.5		
(J # 5x7.5	0.5	2.54	1.5	OK	33	22	15	O*K	2.2	1	0.68
				68	OK	33	22	6.8	3.3	1.5	1
								10	O*K	2.2	1.5
(% # 5.5x9	0.5	2.54	2	100	68	OK	33	15	6.8	3.3	2.2
				150	100	68	OK	22	10	O*K	3.3
						100					
(\$ # 6.3x10.5	0.5	2.54	2.5	220	150	150	68	33	15	6.8	O*K
				330	220		100	OK	22	10	6.8
(D # 7.2x12	0.5	2.54	3	OK)	330	220	150	68	33	15	10
				680	OK)	330	220	100	OK	22	15
(F # 8.5x13	0.5	5.08	5	1000	680	OK)	330	150	68	33	22
					820	680	OK)			OK	33

Table 2 Temperature Characteristics

Nominal Capacitance %, 20	MAX DF(%)				MAX DCL (, - #	
	-55°C	25°C	85°C	125°C	85°C	125°C
0.1~1.0	P	O	P		8I ₁	10I ₁
1.5 U 6.8	8	P	8			
10 U 68	10	8	10			
100~330	12	10	12			
470~680	14	12	14			
V 680	16	14	16			

Important Note

1 Please do not use multimeter to test tantalum capacitors

2 Capacitance and DF measured at :100Hz B + W =2.2° .10 F B U~1.0° .05 V,
Frequency=100Hz. Test only applied in series equivalent circuit.

3 Voltage derating is applied at +125°C. (The DCL parameter should be read after 5minutes when it connected to the circuit # *