



CA30M Wet Tantalum Capacitor

(glass-sealed)

1, Brief Introduction

CA30M Series is half-sealed tubular wet tantalum electrolytic capacitors. With polar axial leads are characterized in small size, low DC Leakage, stable and excellent performances, high reliability and long life. CA30M Series meets the requirements of Chinese Electronic industry standard SJ/T10030-91, widely used in electronic equipment for military and civil applications such as telecommunication, aerospace and aviation.



2, General Characteristics

Operating Temperature Range: -55 +125 (>85 ,use derated voltage)

Capacitance Tolerance: M=±20%, K=±10%

DC Leakage: at +20 , I₀ 0.001C_RU_R or 1μA(Which is greater);

At +85 and +125 , I₀ 0.008C_RU_R or 8μA(Which is greater)

3, Drawing



Shanghai Green Tech Co.,Ltd.

4, General Characteristics table 2

Rated Voltage	Voltage Derating	Case size	Capacitance	DF(%)Max	Impedance
			μF	25 ,85 ,125	-55 100HZ
6.3	4	0	1.0	6	1800
		0	1.5	6	1400
		0	2.2	6	1100
		0	3.3	6	700
		0	4.7	6	500
		0	6.8	8	350
		0	10	8	260
		0	15	10	200
		0	22	10	180
		0	33	12	125
		0	47	15	125
		0	68	18	125
		0	100	20	100
		1	150	30	80
		1	220	40	70
		2	330	40	60
		2	470	50	50
		3	680	50	35
		3	1000	60	25
		4	1200	60	25
4	1500	60	20		
5	2200	70	20		
6	3300	80	15		
10	6.3	0	1.0	6	1800
		0	1.5	6	1400
		0	2.2	6	1100
		0	3.3	6	700
		0	4.7	6	500
		0	6.8	8	350
		0	10	8	250
		0	15	10	200
		0	22	10	175
		0	33	12	125
		0	47	15	100
		0	68	18	80
		0	100	20	60
		1	150	30	55
		2	220	40	45
		2	330	45	40



Rated Voltage	Voltage Derating	Case size	Capacitance μF	DF(%)Max		
				25	,85	,125
				Impedance		
				-55	100HZ	
50	30	3	68	15		75
		3	100	20		65
		4	150	20		50
		4	220	25		45
		5	330	25		45
		6	470	35		35
		7	680	40		30
		8	1000	50		30
63	40	0	1.0	6		1800
		0	1.5	6		1400
		0	2.2	6		1100
		0	3.3	6		700
		0	4.7	6		500
		0	6.8	8		350
		0	10	8		260
		1	15	10		175
		2	22	12		140
		2	33	12		100
		2	47	15		80
		3	68	15		65



Rated Voltage	Voltage Derating	Case size	Capacitance μF	DF(%)Max	
				25 ,85 ,125	



5, How to order

(Part No. **GTCA30M-105M0160**)

GT	CA30M	105	M	016	0
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Notes

- 1 Tantalum capacitors can't been measured by multimeter (Easily cause irreversible damage and lead to reject)
- 2 Capacitance, DF measure frequency: 100Hz $U_{\text{max}}=2.2_{-1.0}^0V$ $U_{\text{eff}}=1.0_{-0.5}^0V$ (effective value)
- 3 Measure leakage current above 85℃, please use derated voltage.
- 4 Special size and big capacitance products, please negotiate with us