

# CA35 Hermetically Sealed Tantalum Capacitors.

## TYPE CA35

# SINOCAPA®

## Wet Tantalum Capacitors

### Military Established Reliability Wet-Electrolyte Hermetically Sealed Tantalum Capacitors



The only imported production line from Tansitor of USA in china. The line passed the certification of national military stand. The series of Metal case. outline dimensions, rated voltage, nominal capacitance according SJ/T10030-91, The electricity performance parameter equal to MIL-C-39006 qualified styles CLR65 .

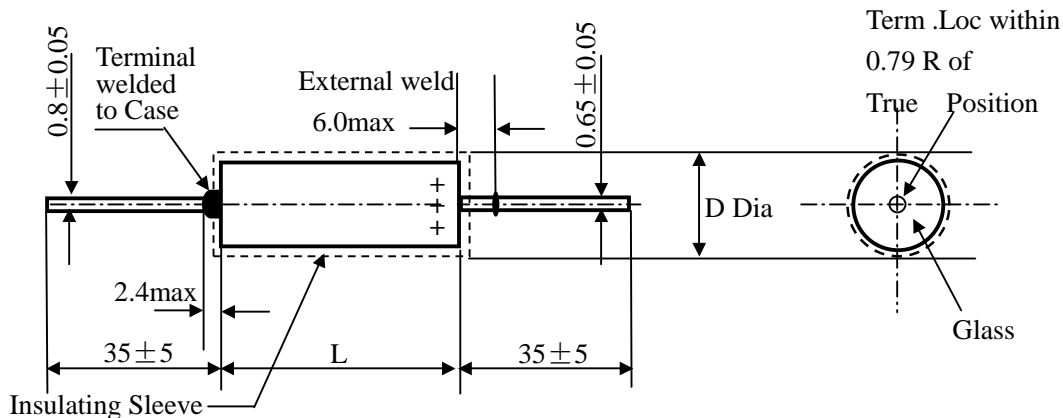
According with GJB733A-96 《The general specification of Military Established Reliability Wet-Electrolyte Hermetically Sealed Tantalum Capacitors》and Q/MM20052-95 Military factory requirement. suitable for military electronic equipment reliability established.

When ordering these parts, care must be exercised that the correct failure rate level.

### FEATURES

Hermetically sealed. Metal cased. Axial lead. Tubular.

#### DIMENSIONAL CONFIGURATIONS AND MARKING (UNIT:MM)



CASE SIZE	BARE CASE		WITH INSULATING SLEEVE		MAX WEIGHT GRAMS
	D $\pm 0.4$	L	D(MAX)	L(MAX)	
1	5	14	5.8	16	4
2	6	16	6.8	18	5
3	8	16	8.8	18	7
4	8	22	8.8	24	10
5	10	22	10.8	24	14
6	10	25	10.8	27	17

# CA35 Hermetically Sealed Tantalum Capacitors.

STANDARD/EXTENDED RATINGS:CA35						
CASE CODE	CAPACITANCE uF	RATED VOT @ 85°C	MAX DCL(μ A) @		MAX DF @25°C (%)	MAX. IMP. @-55°C (Ohms)
			25°C	85°C 125°C		
1	22	6.3	1.0	8.0	8	150
1	33	6.3	1.0	8.0	9	100
1	47	6.3	1.0	8.0	18	80
1	68	6.3	1.0	8.0	20	60
2	100	6.3	1.0	8.0	30	60
2	150	6.3	1.0	8.0	35	50
3	220	6.3	1.4	11.1	45	50
3	330	6.3	2.1	16.6	50	45
4	470	6.3	3.0	23.7	85	40
5	680	6.3	4.3	34.3	90	35
6	1000	6.3	6.3	50.4	100	25
6	1200	6.3	7.6	60.5	144	20
1	15	10	1.0	8.0	6	220
1	22	10	1.0	8.0	7	175
1	33	10	1.0	8.0	15	125
1	47	10	1.0	8.0	15	100
2	68	10	1.0	8.0	25	80
2	100	10	1.0	8.0	25	60
3	150	10	1.5	12.0	45	55
3	220	10	2.2	17.6	45	45
4	330	10	3.3	26.4	70	40
5	470	10	4.7	37.6	75	35
6	680	10	6.8	54.4	80	30
6	1000	10	10.0	80.0	90	25
1	10	16	1.0	8.0	5.7	220
1	15	16	1.0	8.0	5.7	155
1	22	16	1.0	8.0	10	140
1	33	16	1.0	8.0	12	90
2	47	16	1.0	8.0	18	80
2	68	16	1.1	8.7	20	75
3	100	16	1.6	12.8	35	65

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CASE CODE	CAPACITANCE uF	RATED VOT @ 85°C	MAX DCL(μ A) @		MAX DF @25°C (%)	MAX. IMP. @-55°C (Ohms)
			25°C	85°C 125°C		
3	150	16	2.4	19.2	35	60
4	220	16	3.5	28.2	60	55
5	330	16	5.3	42.2	60	45
6	470	16	7.5	60.2	60	40
6	680	16	10.9	87.0	70	35
1	6.8	25	1.0	8.0	4.6	300
1	10	25	1.0	8.0	4.6	220
1	15	25	1.0	8.0	6.5	175
1	22	25	1.0	8.0	8.3	140
2	33	25	1.0	8.0	20	110
2	47	25	1.2	9.4	15	80
3	68	25	1.7	13.6	20	75
3	100	25	2.5	20.0	25	60
4	150	25	3.8	30.0	50	55
5	220	25	5.5	44.0	50	55
6	330	25	8.3	66.0	50	45
6	470	25	11.8	94.0	60	40
1	4.7	40	1.0	8.0	4.5	450
1	6.8	40	1.0	8.0	4.5	350
1	10	40	1.0	8.0	4.5	260
1	15	40	1.0	8.0	9	175
2	22	40	1.0	8.0	10	140
2	33	40	1.3	10.6	12	110
3	47	40	1.9	15.0	15	80
3	68	40	2.7	21.8	20	75
4	100	40	4.0	32.0	35	65
5	150	40	6.0	48.0	35	50
6	220	40	8.8	70.4	40	45
6	330	40	13.2	105.6	45	35
1	2.2	63	1.0	8.0	4	1100
1	3.3	63	1.0	8.0	4.5	700

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CASE CODE	CAPACITANCE uF	RATED VOT @ 85°C	MAX DCL(μ A) @		MAX DF @25°C (%)	MAX. IMP. @-55°C (Ohms)
			25°C	85°C 125°C		
1	4.7	63	1.0	8.0	5	500
1	6.8	63	1.0	8.0	5	350
2	10	63	1.0	8.0	8	260
2	15	63	1.0	8.0	8	175
3	22	63	1.4	11.1	12	140
3	33	63	2.1	16.6	12	90
4	47	63	3.0	23.7	25	80
5	68	63	4.3	34.3	25	80
6	100	63	6.3	50.4	25	60
6	150	63	9.5	75.6	28	50
1	1.5	100	1.0	8.0	5	1400
1	2.2	100	1.0	8.0	5	1100
1	3.3	100	1.0	8.0	6	700
1	4.7	100	1.0	8.0	6	500
2	6.8	100	1.0	8.0	8	350
2	10	100	1.0	8.0	10	260
3	15	100	1.5	12.0	15	175
3	22	100	2.2	17.6	12	130
4	33	100	3.3	26.4	20	100
5	47	100	4.7	37.6	25	65
6	68	100	6.8	54.4	25	65
6	100	100	10.0	80.0	25	60
1	1.0	125	1.0	8.0	6	1800
1	1.5	125	1.0	8.0	6	1400
1	2.2	125	1.0	8.0	6	1100
1	3.3	125	1.0	8.0	6	700
2	4.7	125	1.0	8.0	6	500
2	6.8	125	1.0	8.0	8	350
3	10	125	1.3	10.0	13	260
3	15	125	1.9	15.0	13	170

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CASE CODE	CAPACITANCE uF	RATED VOT @ 85°C	MAX DCL(μ A) @		MAX DF @25°C (%)	MAX. IMP. @-55°C (Ohms)
			25°C	85°C 125°C		
4	22	125	2.8	22.0	20	150
5	33	125	4.1	33.0	20	120
6	47	125	5.9	47.0	20	90
6	68	125	8.5	68.0	23	70

HOW TO ORDER					
CA35 Tape	337 Capacitance	M Tolerance	040 DC voltage	6 Case code	L Failure Rate
Military Established Reliability Wet -Electrolyte Hermetically Sealed Tantalum Capacitors	337= 33X10 <sup>7</sup> (pF) This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.	M=±20% K=±10% J=±5%	Rated Voltage 6V=006 10V=010 15V=015 20V=020 30V=030 50V=050 75V=075 100V=100 125V=125		Failure rate lever 2%/1000HR L 1%/1000HR M 0.1%/1000HR P 0.01%/1000HR R

We can offer all kinds of wet-electrolyte tantalum capacitor according customer's requirement.

For example 40V330 Standard case 6(10X25),we can offer case 5 (10X22) too.