

CA81 Hermetically Sealed Tantalum Capacitors.

TYPE CA81

SINOCAPA®



Wet Tantalum Capacitors

Military Established Reliability Wet-Electrolyte Hermetically Sealed Tantalum Capacitors

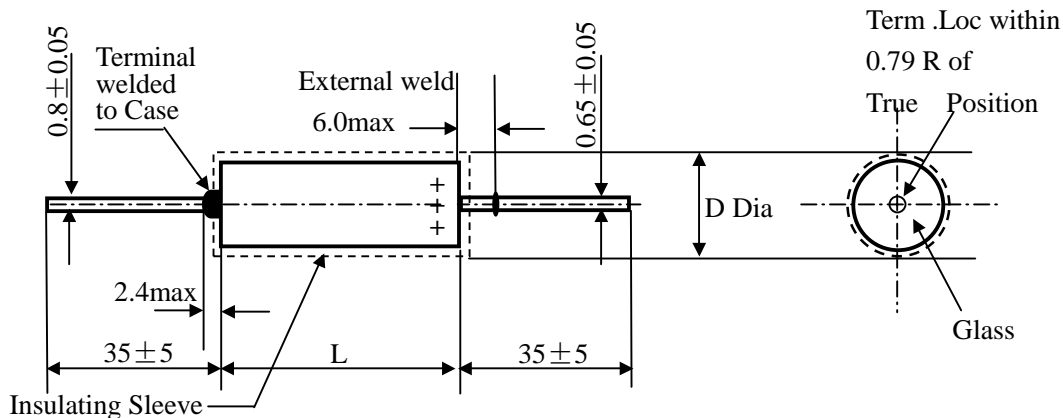
The only imported production line from Tansitor of USA in china. The line passed the certification of national military stand. The series of Metal case. outline dimensions, rated voltage, nominal capacitance equal to MIL-C-39006 qualified styles CLR65 79 81 90 91 .According with GJB733A-96 《The general specification of Military Established Reliability Wet-Electrolyte Hermetically Sealed Tantalum Capacitors》 and Q/MM20011-2000 Military factory requirement. suitable for military electronic equipment reliability established.

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

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 ± 0.4	L	D(MAX)	L(MAX)	
T1	4.8	11.5	5.6	13.0	4
T2	7.2	16.3	7.9	17.8	7
T3	9.5	19.5	10.3	21.0	14
T4	9.5	27	10.3	28.6	19

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STANDARD/EXTENDED RATINGS:CA81									
CASE CODE	CAPACITANCE uF	RATED VOT @ 85°C	MAX DCL(μ A) @		MAX DF @25°C (%)	MAX. IMP. @-55°C (Ohms)	MAX. CAPACITANCE CHANGE(%)@		
			25°C	85°C 125°C			-55°C	85°C	125°C
T1	220	6	2	9	50	36	-64	+13	+16
T2	820	6	3	14	155	18	-88	+16	+20
T3	1500	6	5	20	172	13	-90	+20	+25
T4	2200	6	6	24	170	13	-90	+25	+30
T1	180	8	2	9	41	45	-60	+13	+16
T2	680	8	3	14	130	22	-83	+16	+20
T3	1500	8	5	20	170	18	-90	+20	+25
T4	1800	8	7	25	138	14	-90	+25	+30
T1	150	10	2	9	34	54	-55	+13	+16
T2	560	10	3	16	106	27	-77	+16	+20
T3	1200	10	5	20	137	18	-88	+20	+25
T4	1500	10	7	25	114	15	-88	+25	+30
T1	100	15	2	9	30	72	-44	+13	+16
T2	390	15	3	16	74	31	-66	+16	+20
T3	820	15	6	24	111	22	-77	+20	+25
T4	1000	15	8	32	92	17	-77	+25	+30
T1	68	25	2	9	22	90	-40	+12	+15
T2	270	25	3	16	55	33	-62	+13	+16
T3	560	25	7	28	76	24	-72	+20	+25
T4	680	25	8	32	63	19	-72	+25	+30
T1	56	30	2	9	22	100	-38	+12	+15
T2	220	30	3	16	42	36	-60	+13	+16
T3	470	30	8	32	64	25	-65	+20	+25
T4	560	30	9	36	55	20	-65	+25	+30
T1	33	50	2	9	12.3	135	-29	+10	+12
T2	120	50	4	24	22.5	49	-42	+12	+15
T3	270	50	8	32	37	29	-46	+20	+25
T4	330	50	9	36	38	22	-46	+25	+30
T1	27	60	3	12	10.2	144	-24	+10	+12
T2	100	60	4	20	19	54	-36	+12	+15
T3	220	60	8	32	30	29	-40	+16	+20

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			25°C	85°C 125°C			-55°C	85°C	125°C
T1	22	75	3	12	8.5	157	-19	+10	+12
T2	82	75	4	24	15.2	63	-30	+12	+15
T3	180	75	9	36	24.4	30	-35	+16	+20
T4	220	75	10	40	37	24	-40	+20	+25
T1	10	100	3	12	4.5	200	-17	+10	+12
T2	39	100	5	24	10.4	80	-20	+12	+15
T3	68	100	10	40	11.3	40	-30	+14	+16
T4	120	100	12	48	25	30	-35	+15	+17
T1	6.8	125	3	12	6	300	-14	+10	+12
T2	27	125	5	24	7.2	90	-18	+12	+15
T3	47	125	10	40	7.9	50	-26	+14	+16
T4	82	125	12	48	17.4	32	-30	+15	+17

HOW TO ORDER					
CA81 Tape	337 Capacitance	M Tolerance	050 DC voltage	T4 Case code	L Failure Rate
Military Established Reliability Wet -Electrolyte Hermetically Sealed Tantalum Capacitors	337= 33X10 ⁷ (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.

We can offer wet-electrolyte tantalum capacitor according vishay's part number .