

CA43 Molded /Axial Tantalum Capacitors.

TYPE CA43

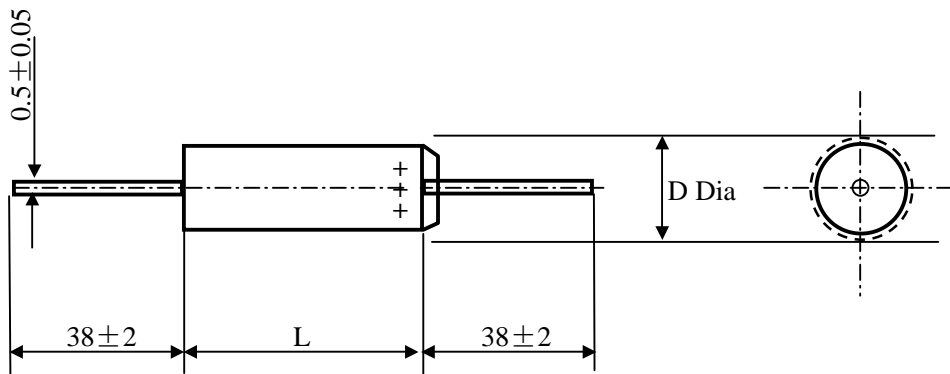
SINOCAPA®

Molded /Axial Tantalum Capacitors

CA43 Series offers a complete line of extended range molded solid tantalum capacitors designed specifically for high speed automatic insertion applications. These capacitors offer an extremely high capacitance-to-volume ratio while still maintaining excellent performance characteristics. Supplied in six axial lead tubular case sizes, these capacitors are ideally suited for use in printed wiring boards and all applications requiring a high degree of packaging density and can be supplied in bulk packaging or lead-taped on reels. CA43 Series dimensions and tight lead wire-to-body con-centricity permit installation by the same automatic insertion equipment used for diodes and resistors. The gold color epoxy utilized permits laser marking with outstanding permanency and legibility. Equal to kemet T322



DIMENSIONAL CONFIGURATION (UNIT:MM)



CASE	L(MAX)	(D MAX)
A	2.4	6.6
B	2.8	7.4
C	4.6	8.8
D	4.6	10.7
E	7.1	13
F	7.6	18

CA43 Molded /Axial Tantalum Capacitors

PERFORMANCE CHARACTERISTICS:CA

Operating Temperature:

- 55°C to + 125°C.(To + 125°C with voltage derating)

DC Leakage Current (DCL Max.):

Leakage current shall not exceed the values listed in the Standard Ratings Tables.

Capacitance Tolerance:

At 100 Hz, + 25°C. ± 20%, ± 10% standard. ± 5%, special order.

Temperature Performance

Capacitance (uF)	MAX									
	Capacitance change (%)			Max D.F(%)				Max DCL (uA)		
	-55°C	+85°C	+125°C	-55°C	+25°C	+85°C	+125°C	+25°C	+85°C	+125°C
<=3.3	±10	±10	±15	6	4	6	6	I ₀ =0.01C _R U _R or 0.5 (uA) whichever is greater	10I ₀	12.5I ₀
4.7-33				8	6	8	8			
47-68				10	8	10	10			
100~220				12	10	12	10			

STANDARD RATINGS:CA

RATED VOL	6.3	10	15	20	25	35	50
DERATING VOL	4	6.3	10	13	16	25	32
CASE CODE	CAPACITANCE (μ F)						
A	2.2	1.5	1.0	0.47	0.47	0.1	0.1
	3.3	2.2	1.5	0.68	0.68	0.15	0.15
	4.7	3.3	2.2	1.0	1.0	0.22	0.22
				1.5		0.33	
						0.47	
B	6.8	4.7	3.3	2.2	1.5	0.68	0.33
	10	6.8	4.7	3.3	2.2	1.0	0.47
	15	10	6.8	4.7	3.3	1.5	
C	22	15	10	6.8	4.7	2.2	0.68
	33	22	15	10	6.8	3.3	1.0
					10	4.7	1.5
							2.2
D	47	33	22	15	15	6.8	3.3
	68	47	33	22	22	10	4.7
E	100	68	47	33		15	6.8
	150	100	68	47	33	22	10
	220	150	100	68	47	33	15
F	330	220	150	100	68	47	22

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HOW TO ORDER					
CA43 Tape	106 Capacitance	M Tolerance	050 DC voltage	E Case code	B PACKING
Molded Axial Tantalum Capacitors	106= 10X10 ⁶ (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 35V=035 50V=050		B BULK PACKING R TAPE AND REEL

We can offer all kinds of Molded Axial tantalum capacitor according customer's requirement.

We can offer Molded Axia tantalum capacitor according KEMET's part number .