

NON POLAR AXIAL TANTALUM CAPACITOR

This product is a axial leads non-polar solid tantalum capacitor. Suit for polar transform DC and pulse circuit

CBIA

Technic Performance:

- Equative CA72 series
- Operation Temperature: - 55 ~ +85°C
- Operate Voltage Range: 6.3V ~ 63V
- Capacitance Range: 0.22 ~ 220μ F
- Capacitance Tolerance: ± 10%, ± 20%

- Leakage Current (μ A) : 20°C时:

A: $I_0 \leq 0.08 C_R U_R$ (lower 1.5μ A use 1.5 μ A)

B: $I_0 \leq 0.04 C_R U_R$ (Lower 1μ A use 1μ A)

- Dissipation Factor tgδ 0 (%) : at 20°C.100Hz:

Capacitance $C_R < 47\mu F$: tgδ 0 ≤ 10%

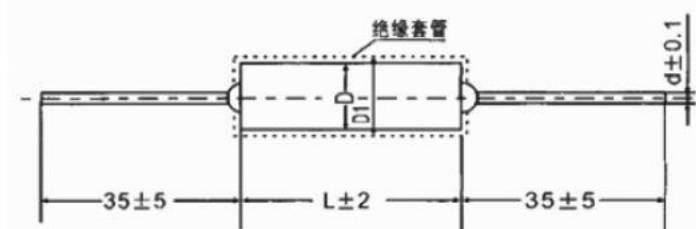
Capacitance $C_R \geq 47\mu F$: tgδ 0 ≤ 15%



PART NUMBER EXAMPLE:

CBIA 105 K 1C 1

Size
Voltage
Tolerance M=20% K=10% J=5%
Capacitance 105=1uF 106=10uF 107=100uF 108=1,000uF
Series



Case size, Rated voltage, Capacitance: See table 1

CASE SIZE, MAX WEIGHT, CAPACITANCE

Table1:

Rated Voltage DC				6.3 0J	10 1A	16 1C	25 1E	32 1X	40 1G	63 1J
Case code	Casesize D × L (mm)	PinDiameter d/mm	Max. Weight (g)	Capacitance CR (μ F)						
1	4x17	0.4	3.5	3.3	1.5	1.0	0.68	0.47	0.33	0.22
				4.7	2.2	1.5	1.0	0.68	0.47	0.22
					3.3					
2	6x25	0.6	5	6.8	4.7	2.2	1.5	1.0	0.68	0.33
				10	6.8	3.3	2.2	1.5	1.0	0.47
				15	10	4.7	3.3	2.2	1.5	0.68
				22	15	6.8	4.7	3.3	2.2	1.0
				33	22	10	6.8	4.7	3.3	1.5
					33	15				
3	7x30	0.6	9	47	47	22	10	6.8	4.7	2.2
						33	15	6.8	6.8	
4	9x30	0.8	12	68	68	47	22	10	10	3.3
				100			33	15	15	4.7
5	9x45	0.8	20	150	100	68	47	22	22	6.8
				220	150	100		33		10