

CHIP SOLID TANTALUM CAPACITOR

◆ Specifications

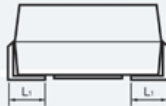
- Operating Temperature Range : -55°C ~ +125°C
Above 85°C with Voltage Derating
- Tolerance : ±10%; ±20%



ANODE (+) END VIEW



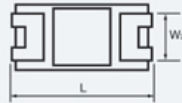
SIDE VIEW



CATHODE (-) END VIEW



BOTTOM VIEW



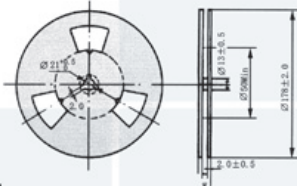
Case Dimensions in Millimeters (Inches)

Case size	L±0.2 (0.008)	W1±0.2 (0.008)	H±0.2 (0.008)	L±0.3 (0.012)	W2±0.2 (0.008)
A	3.2 (0.126)	1.6 (0.063)	1.6 (0.063)	0.7 (0.027)	1.0 (0.039)
B	3.4 (0.134)	2.6 (0.102)	1.9 (0.071)	0.8 (0.031)	2.0 (0.079)
C	5.8 (0.228)	3.2 (0.126)	2.5 (0.098)	1.3 (0.051)	2.2 (0.087)
E	7.3 (0.287)	4.3 (0.169)	2.8 (0.110)	1.3 (0.051)	3.0 (0.118)

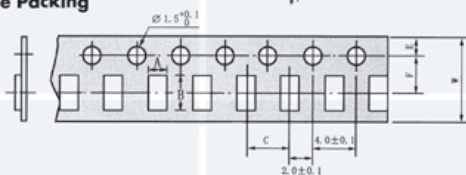
Rated Voltage, Category Voltage and Capacitance of Capacitors

Rated voltage	4		6.3		10		16		20		25		32 (35)		40		50	
Category voltage	2.5		4		6.3		10		13		16		20		25		32	
Capacitance	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.
0.1														A			A	
0.15														A			A	B
0.22														A			A	B
0.33												A		A			B	
0.47										A		A		B	A		B	C
0.68								A		B		A		B	A		C	B
1.0							A		A	A		B	A	B	A		C	C
1.5					A		A		A	B		A	B	A	C	B	C	E
2.2	A		A		A		B	A	B	A		C	B	C	B	C	E	C
3.3	A		A		B	A	B	A	B	A		C	B	C			E	E
4.7	A		B	A	B	A	B	A	C	B		C			E	C	E	E
6.8	B	A	B	A	B	A	C	B	C	B		E	C	E	C	E		
10	B	A	B	A	C	B	C	B	E	B		E	C	E				
15	B	A	C	B	C	B	C	B	E	C		E						
22	C	B	C	B	C	B	E	C	E	C		E						
33	C	B	E	C	E	C	E	C	E	E								
47	E	C	E	C	E	C	E	E	E	E								
68	E	C	E	C	E	E	E	E	E	E								
100	E	C	E	E	E	E	E	E	E	E								
150		E		E		E												
220		E		E														
330																		
470																		

Tape Reel Dimensions



Tape Packing



Temperature Characteristics

Capacitance (µF)	Capacitance change (%)			Dissipation factor Max (%)				Leakage current Max (µA)	
	-55°C	+85°C	+125°C	-55°C	+20°C	+85°C		+85°C	+125°C
≤ 1.0				6	4	6	6		
1.5 ~ 68	±10	±10	±12	10	6	10	10	10 I	12.5 I
100				12	8	12	12		

Case size	A±0.1	B±0.1	C±0.1	E±0.1	F±0.1	W±0.3
A	1.9	3.5	4.0	1.75	3.5	8.0
B	3.1	3.9	4.0	1.75	3.5	8.0
C	3.7	6.3	8.0	1.75	5.5	12.0
E	4.8	7.7	8.0	1.75	5.5	12.0

Case size	W±1.5	Qty./reel
A B	100	2000
C E	140	500