

# SCT Dipped Tantalum Capacitor

**Semec**

RoHS

## Features

Epoxy coated  
 Meet and exceeds standard of IEC384-15-3, IECQQC300201/US0003 & SJ/T10856-96  
 Ideal for application of different kinds of meters, instruments and home appliances also.

## Specifications

Operating temperature -55°C to +125°C, when >85°C with rated voltage derating  
 Rated Voltage DC 6.3V, 10V, 16V,20V, 25V,35V, 50V  
 Capacitance Range 0.047uF to 330uF  
 Capacitance Tolerance ±10%,±20%  
 DC leakage  $IO \leq 0.02CRVR$  or 1uA (take the greater one) at 20°C

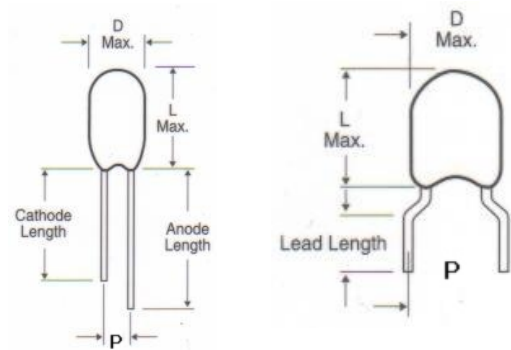


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## Dimensions

(unit:mm)

Case Size	D (max)	L (max)	S (±1mm)	d (±0.5mm)
A	4.5	7	2.54	0.5
B	5	8	2.54	0.5
C	5.5	9.5	2.54	0.5
D	6.5	11	2.54	0.5
E	8.5	13	5.08	0.5
F	9.5	16.5	5.08	0.5



## Size table

Rated Voltage (V)	3	4	6.3	10	16	20	25	35	50
Voltage Derating (V)	2	2.5	4	6.3	10	13	16	20	32
Surge Voltage (V) +85°C	4	5.2	8	13	20	26	33	46	65
Capacitance	case siz								
0.047								A	A
0.068								A	A
0.1								A	A
0.15								A	A
0.22								A	A
0.33								A	A
0.47								A	A
0.68								A	A
1					A	A	A	A	B
1.5					A	A	A	A	C
2.2				A	A	A	A	B	C
3.3			A	A	A	B	B	B	D
4.7	A	A	A	A	B	B	B	C	D
6.8	A	A	A	B	B	C	C	D	E
10	A	A	B	B	B	C	C	D	E
15	A	A	B	C	C	D	D	E	F
22	B	B	C	C	C	D	D	E	F
33	B	B	C	D	D	E	E	F	
47	C	C	D	D	D	E	E	F	
68	D	D	D	D	E	F	F		
100	D	D	E	E	E	F	F		
150	D	E	E	E	F				
220	E	E	E	F					
330	E	F	F						

\* The spec is subject to change without notice. Please contact us if any further queries.