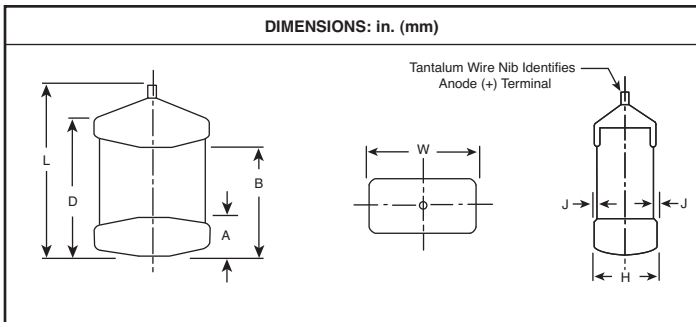


VISHAY / SPRAGUE Solid Tantalum Chip Capacitors



RoHS Compliant This product is RoHS compliant.



Case Code	L (Max.)	W	H	A	B	D (Ref.)	J (Ref.)
T	.087 (2.2)	.045±.010 (1.1±0.3)	.045±.010 (1.1±0.3)	.016±.008 (.4±0.2)	.042±.010 (1.07±0.25)	.063 (1.6)	.004 (0.1)
A	.146 (3.7)	.072±.010 (1.8±0.3)	.056±.012 (1.4±0.3)	.031±.012 (.08±0.3)	.085±.015 (2.2±0.4)	.115 (2.9)	.004 (0.1)
B	.158 (4.0)	.110 +.012 -.016 (2.8 +0.3-0.4)	.075 +.012-.024 (1.9 +0.3-0.6)	.031±.012 (.80±0.3)	.097±.016 (2.5±0.4)	.138 (3.5)	.004 (0.1)
C	.281 (7.1)	.126±.012 (3.2±0.3)	.098±.012 (2.5±0.3)	.051±.012 (1.3±0.3)	.180±.024 (4.6±0.6)	.236 (6.0)	.004 (0.1)
D	.293 (7.5)	.170±.012 (4.3±0.3)	.110±.012 (2.8±0.3)	.051±.012 (1.3±0.3)	.180±.024 (4.6±0.6)	.253 (6.4)	.004 (0.1)
R	.283 (7.2)	.235±.012 (6.0±0.3)	.136±.012 (3.5±0.3)	.051±.012 (1.3±0.3)	.180±.024 (4.6±0.6)	.243 (6.2)	.004 (0.1)

594D SERIES: TANTAMOUNT®, LOW ESR, MAXIMUM CV

Features:

- Large capacitance rating range
- New extended range offering
- Operating Temperature Range: -55°C to +85°C (Derate Voltage 33% @ 125°C)
- Capacitance Range: 0.10µF to 1500µF
- Terminations: Tin (2) standard
- Voltage Rating: 4 WVDC to 50 WVDC
- Lowest ESR for a SMT tantalum capacitor



RoHS Compliant

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RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Value (µF)	Tol.± %	Case Code	Max. ESR @ +25°C, 100KHz	Price Each			
Mfr.	Mfr. Part No.					1	50	100	500
4 Volt									
74	594D477X9004C2T	470	10	C	0.075	2.43	2.01	1.55	1.48
6.3 Volt									
74	594D226X96R3B2T	22	10	B	0.38	1.48	1.22	.94	.90
74	594D107X06R3B2T	100	20	B	0.25	1.59	1.28	1.03	.94
74	594D127X06R3C2T	120	20	C	0.085	2.01	1.66	1.28	1.23
74	594D127X96R3C2T	120	10	C	0.085	2.09	1.77	1.36	1.30
74	594D227X96R3D2T	220	10	D	0.065	2.85	2.30	1.84	1.69
74	594D337X06R3D2T	330	20	D	0.06	3.85	3.19	2.46	2.35
74	594D337X96R3D2T	330	10	D	0.06	3.85	3.19	2.46	2.35
74	594D397X96R3R2T	390	10	R	0.045	6.38	5.29	4.08	3.90
74	594D477X06R3R2T	470	20	R	0.05	6.38	5.29	4.08	3.90
74	594D477X96R3R2T	470	10	D	0.06	3.85	3.11	2.48	2.28
74	594D108X06R3R2T	1000	20	R	0.03	8.38	6.95	5.36	5.12
74	594D108X96R3R2T	1000	10	R	0.03	8.38	6.95	5.36	5.12
10 Volt									
74	594D476X0010B2T	47	20	B	0.4	1.59	1.28	1.03	.94
74	594D686X0010C2T	68	20	C	0.1	2.01	1.66	1.28	1.23
74	594D686X9010C2T	68	10	C	0.1	2.01	1.66	1.28	1.23
74	594D107X0010C2T	100	20	C	0.095	2.01	1.66	1.28	1.23
74	594D157X9010C2T	150	10	C	0.09	2.43	1.96	1.57	1.44
74	594D157X0010C2T	150	20	C	0.09	2.43	2.01	1.55	1.48
74	594D157X9010D2T	150	10	D	0.075	2.85	2.36	1.82	1.74
74	594D157X0010D2T	150	20	D	0.075	2.85	2.30	1.84	1.69
74	594D227X9010D2T	220	10	D	0.065	3.85	3.19	2.46	2.35
74	594D227X0010D2T	220	20	D	0.065	3.85	3.11	2.48	2.28
74	594D337X9010R2T	330	10	R	0.045	6.38	5.29	4.08	3.90
74	594D337X0010R2T	330	20	R	0.045	6.40	5.15	4.12	3.78
16 Volt									
74	594D336X9016C2T	33	10	C	0.15	2.01	1.66	1.28	1.23
74	594D336X0016C2T	33	20	C	0.15	2.01	1.66	1.28	1.23
74	594D476X9016C2T	47	10	C	0.11	2.01	1.66	1.28	1.23
74	594D107X9016C2T	100	10	C	0.08	2.43	1.96	1.57	1.44
74	594D107X0016C2T	100	20	C	0.08	2.43	2.01	1.55	1.48
74	594D107X9016D2T	100	10	D	0.075	2.85	2.36	1.82	1.74
74	594D107X0016D2T	100	20	D	0.075	2.85	2.36	1.82	1.74
74	594D187X9016R2T	180	10	R	0.055	6.38	5.29	4.08	3.90
74	594D187X0016R2T	180	20	R	0.055	6.38	5.29	4.08	3.90
74	594D227X9016R2T	220	10	R	0.055	7.64	6.33	4.89	4.67
74	594D227X0016R2T	220	20	R	0.055	7.64	6.33	4.89	4.67
20 Volt									
74	594D226X9020C2T	22	10	C	0.15	2.01	1.62	1.30	1.19
74	594D226X0020C2T	22	20	C	0.15	2.01	1.66	1.28	1.23
74	594D476X9020D2T	47	10	D	0.095	2.85	2.36	1.82	1.74
74	594D476X0020D2T	47	20	D	0.095	2.85	2.36	1.82	1.74
74	594D127X0020R2T	120	20	R	0.08	6.38	5.29	4.08	3.90
25 Volt									
74	594D156X0025C2T	15	20	C	0.22	2.01	1.66	1.28	1.23
74	594D336X9025D2T	33	10	D	0.13	2.85	2.36	1.82	1.74
74	594D336X0025D2T	33	20	D	0.13	2.28	2.07	1.86	1.66
74	594D686X9025R2T	68	10	R	0.095	6.38	5.29	4.08	3.90
74	594D107X0025R2T	100	20	R	0.09	7.64	6.33	4.89	4.67
35 Volt									
74	594D685X0035C2T	6.8	20	C	0.43	2.01	1.66	1.28	1.23
74	594D156X9035D2T	15	10	D	0.27	2.85	2.36	1.82	1.74
74	594D156X0035D2T	15	20	D	0.27	2.85	2.36	1.82	1.74
74	594D336X9035R2T	33	10	R	0.2	6.38	5.29	4.08	3.90
74	594D336X0035R2T	33	20	R	0.2	6.38	5.29	4.08	3.90
50 Volt									
74	594D475X0050C2T	4.7	20	C	1	2.21	1.83	1.41	1.35
74	594D685X0050D2T	6.8	20	D	0.45	3.13	2.59	2.00	1.91
74	594D156X9050R2T	15	10	R	0.35	7.03	5.67	4.53	4.16
74	594D156X0050R2T	15	20	R	0.35	7.02	5.81	4.49	4.28



Tantalum Caps, SMD

Vishay