



Tantalum Dipped / Radial Capacitors

T350 and T356 "UltraDip II" Series

The KEMET "UltraDip II" Series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage and low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits.

The plastic case provides a tough barrier coating and maintains precision of lead wire spacing within ±0.015 inch.

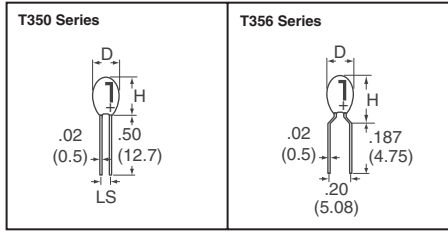
All case sizes are printed with capacitance, voltage, polarity and vendor identification, these self-insulating cases are resistant to shock and vibration.

The gold color epoxy permits Laser marking with outstanding permanency and legibility.

Solid tantalum devices exhibit no degradation failure mode during shelf storage.

These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability. *The ESR values provided are for reference only.*

- **Operating Temperature:** -55°C -85°C (125°C with voltage derating)
- **Capacitance Tolerance (%)**: ±10



WV (DC)	Cap. (µF)	ESR @ 100kHz @ +25°C	D.C.L. µA @ 25°C	Max. DF % @ 25°C 120Hz	Dimensions - mm			Digi-Key Part No.	Price Each			Kemet Part No.	
					D	H	LS		1	10	100		
T350 Series													
16	6.8	4	0.9	5	5.0	8.4	2.54	399-1402-ND	69	.59	.47	T350C68K016AS	
T350 Series - RoHS Compliant													
6.3	4.7	10	0.5	5	4.5	7.1	2.54	399-3543-ND	.39	.34	.27	T350A475K006AT	
	6.8	8	0.5	5	4.5	7.1	2.54	399-3546-ND	.48	.42	.33	T350A685K006AT	
	10	6	0.5	6	4.5	7.6	2.54	399-3548-ND	.59	.51	.40	T350B106K006AT	
	15	5	0.7	6	5.0	8.4	2.54	399-3557-ND	.66	.57	.45	T350C156K006AT	
	22	3.7	1.1	6	5.0	8.6	2.54	399-3561-ND	.78	.68	.53	T350D226K006AT	
	33	3	1.6	6	5.5	8.9	2.54	399-3571-ND	.83	.72	.56	T350E336K006AT	
	47	2	2.3	6	6.0	9.9	2.54	399-3577-ND	.93	.80	.63	T350F476K006AT	
	68	1.8	3.3	6	6.3	10.2	2.54	399-3582-ND	1.10	.95	.75	T350G686K006AT	
	100	1.6	4.8	8	7.6	10.2	2.54	399-3583-ND	2.60	2.23	1.75	T350H107K006AT	
	150	0.9	7.2	8	8.4	12.7	5.08	399-3590-ND	3.33	2.86	2.24	T350J157K006AT	
10	2.2	13	0.5	5	4.5	7.1	2.54	399-3536-ND	.48	.42	.33	T350A225K010AT	
	3.3	10	0.5	5	4.5	7.1	2.54	399-3540-ND	.48	.42	.33	T350A335K010AT	
	4.7	8	0.5	5	4.5	7.1	2.54	399-3544-ND	.48	.42	.33	T350A475K010AT	
	6.8	6	0.5	5	4.5	7.6	2.54	399-3555-ND	.66	.57	.45	T350B685K010AT	
	10	5	0.8	6	5.0	8.4	2.54	399-3556-ND	.66	.57	.45	T350C106K010AT	
	15	3.7	1.2	6	5.5	8.9	2.54	399-3567-ND	.78	.68	.53	T350E156K010AT	
	22	2.7	1.8	6	5.5	8.9	2.54	399-3570-ND	.88	.76	.60	T350E226K010AT	
	33	2.1	2.6	6	6.0	9.9	2.54	399-3576-ND	1.03	.89	.70	T350F336K010AT	
	47	1.7	3.8	6	7.6	10.2	2.54	399-3586-ND	1.81	1.56	1.22	T350H476K010AT	
	68	1.3	5.4	6	7.6	10.2	2.54	399-3587-ND	2.60	2.23	1.75	T350H686K010AT	
100	1	8.0	8	8.4	12.7	5.08	399-3588-ND	3.33	2.86	2.24	T350J107K010AT		
16	1.5	10	0.5	5	4.5	7.1	2.54	399-3532-ND	.48	.42	.33	T350A155K016AT	
	2.2	8	0.5	5	4.5	7.1	2.54	399-3537-ND	.48	.42	.33	T350A225K016AT	
	3.3	6	0.5	5	4.5	7.1	2.54	399-3541-ND	.48	.42	.33	T350A335K016AT	
	4.7	5	0.6	5	4.5	7.6	2.54	399-3553-ND	.59	.51	.40	T350B475K016AT	
	6.8	4	0.9	5	5.0	8.4	2.54	399-3560-ND	.69	.59	.47	T350C685K016AT	
	10	3.2	1.3	6	5.5	8.9	2.54	399-3563-ND	.71	.61	.48	T350E106K016AT	
	15	2.5	1.8	6	5.5	8.9	2.54	399-3568-ND	.93	.80	.63	T350E156K016AT	
	22	2	2.6	6	6.0	9.9	2.54	399-3574-ND	.93	.80	.63	T350F226K016AT	
	33	1.6	4.0	6	7.6	10.2	2.54	399-3585-ND	1.81	1.56	1.22	T350H336K016AT	
	47	1.3	5.6	6	8.4	12.7	5.08	399-3592-ND	2.77	2.38	1.87	T350J476K016AT	
20	68	1	8.2	6	8.9	13.5	5.08	399-3597-ND	3.33	2.86	2.24	T350K686K016AT	
	100	0.8	10.0	8	8.9	16.0	5.08	399-3598-ND	7.14	6.12	4.80	T350L107K016AT	
	10	2.9	1.6	6	5.5	8.9	2.54	399-3564-ND	.88	.76	.60	T350E106K020AT	
	100	0.6	10.0	8	10.2	17.0	5.08	399-3599-ND	8.18	7.02	5.50	T350M107K020AT	
	25	1.0	10	0.5	3	4.5	7.1	2.54	399-3528-ND	.48	.42	.33	T350A104K035AT
		1.5	8	0.5	3	4.5	7.1	2.54	399-3533-ND	.48	.42	.33	T350A155K025AT
		2.2	6	0.5	5	4.5	7.6	2.54	399-3550-ND	.59	.51	.40	T350B225K025AT
		3.3	5	0.7	5	4.5	7.6	2.54	399-3551-ND	.59	.51	.40	T350B335K025AT
		4.7	4	0.9	5	5.0	8.4	2.54	399-3559-ND	.71	.61	.48	T350C475K025AT
		6.8	3.1	1.4	5	5.5	8.9	2.54	399-3573-ND	.93	.80	.63	T350E685K025AT
10		2.5	2.0	6	5.5	8.9	2.54	399-3565-ND	.93	.80	.63	T350E106K025AT	
15		2	3.0	6	6.3	11.0	5.08	399-3580-ND	2.00	1.71	1.34	T350G156K025AT	
22		1.5	4.4	6	7.6	11.0	5.08	399-3584-ND	2.60	2.23	1.75	T350H226K025AT	
33		1.2	6.6	6	8.4	12.7	5.08	399-3591-ND	3.33	2.86	2.24	T350J336K025AT	
47	1	9.4	6	8.9	13.5	5.08	399-3596-ND	5.07	4.35	3.41	T350K476K025AT		
35	.10	26	0.5	3	4.5	7.1	2.54	399-3526-ND	.48	.42	.33	T350A104K035AT	
	.15	21	0.5	3	4.5	7.1	2.54	399-3530-ND	.48	.42	.33	T350A154K035AT	
	.22	17	0.5	3	4.5	7.1	2.54	399-3534-ND	.48	.42	.33	T350A224K035AT	
	.33	15	0.5	3	4.5	7.1	2.54	399-3538-ND	.48	.42	.33	T350A334K035AT	
	.47	13	0.5	3	4.5	7.1	2.54	399-3542-ND	.48	.42	.33	T350A474K035AT	
	.68	10	0.5	3	4.5	7.1	2.54	399-3545-ND	.48	.42	.33	T350A684K035AT	
	1.0	8	0.5	3	4.5	7.1	2.54	399-3529-ND	.48	.42	.33	T350A105K035AT	
	1.5	6	0.5	5	4.5	7.6	2.54	399-3549-ND	.54	.47	.37	T350B155K035AT	
	2.2	5	0.6	5	5.0	8.4	2.54	399-3558-ND	.59	.51	.40	T350C225K035AT	
	3.3	4	0.9	5	5.0	8.6	2.54	399-3562-ND	.74	.63	.50	T350D335K035AT	
50	4.7	3	1.3	5	5.5	8.9	2.54	399-3572-ND	.78	.68	.53	T350E475K035AT	
	6.8	2.5	1.9	5	6.0	9.9	2.54	399-3578-ND	.88	.76	.60	T350F685K035AT	
	10	2	2.8	6	6.3	10.2	2.54	399-3579-ND	1.50	1.29	1.01	T350G106K035AT	
	15	1.6	4.2	6	8.4	12.7	5.08	399-3589-ND	3.14	2.69	2.11	T350J156K035AT	
	22	1.3	6.2	6	8.9	13.5	5.08	399-3595-ND	5.07	4.35	3.41	T350K226K035AT	
	47	0.8	10.0	6	10.2	17.0	5.08	399-3600-ND	8.18	7.02	5.50	T350M476K035AT	
	.10	26	0.5	3	4.5	7.1	2.54	399-3527-ND	.53	.45	.36	T350A104K050AT	
	.15	21	0.5	3	4.5	7.1	2.54	399-3531-ND	.53	.45	.36	T350A154K050AT	
	.22	17	0.5	3	4.5	7.1	2.54	399-3535-ND	.53	.45	.36	T350A224K050AT	
	.33	15	0.5	3	4.5	7.1	2.54	399-3539-ND	.53	.45	.36	T350A334K050AT	
.47	13	0.5	3	4.5	7.6	2.54	399-3552-ND	.59	.51	.40	T350B474K050AT		
100	.68	10	0.5	3	4.5	7.6	2.54	399-3554-ND	.59	.51	.40	T350B684K050AT	
	1.0	8	0.5	3	4.5	7.6	2.54	399-3547-ND	.59	.51	.40	T350B105K050AT	
	1.5	5	0.6	5	5.5	8.9	2.54	399-3566-ND	.88	.76	.60	T350E155K050AT	
	2.2	3.5	0.9	5	5.5	8.9	2.54	399-3569-ND	.93	.80	.63	T350E225K050AT	
	3.3	3	1.3	5	6.0	9.9	2.54	399-3575-ND	1.03	.89	.70	T350F335K050AT	
	4.7	2.5	1.9	5	6.3	11.4	5.08	399-3656-ND	1.29	1.11	.87	T350G475K050AT	
	6.8	2	2.7	5	8.4	14.0	5.08	399-3658-ND	3.02	2.60	2.04	T350J685K050AT	
	10	1.6	4.0	6	8.9	15.5	5.08	399-3669-ND	5.32	4.56	3.58	T350K106K050AT	

WV (DC)	Cap. (µF)	ESR @ 100kHz @ +25°C	D.C.L. µA @ 25°C 120Hz	Max. DF % @ 25°C 120Hz	Dimensions - mm			Digi-Key Part No.	Price Each			Kemet Part No.
					D	H	LS		1	10	100	
T356 Series												
50	4.7	2	1.9	5	6.3	10.2	2.54	399-3581-ND	1.29	1.11	.87	T350G475K050AT
	6.8	2	2.7	5	8.4	12.7	5.08	399-3593-ND	3.02	2.60	2.04	T350J685K050AT
	10	1.6	4.0	6	8.9	13.5	5.08	399-3594-ND	5.32	4.56	3.58	T350K106K050AT
T356 Series - RoHS Compliant												
6.3	4.7	10	0.5	5	4.5	8.6	5.08	399-3618-ND	.39	.34	.27	T356A475K006AT
	6.8	8	0.5	5	4.5	8.6	5.08	399-3621-ND	.48	.42	.33	T356B685K006AT
	10	6	0.5	6	4.5	8.9	5.08	399-3623-ND	.59	.51	.40	T356C106K006AT
	15	5	0.7	6	5.0	9.6	5.08	399-3632-ND	.66	.57	.45	T356C156K006AT
	22	3.7	1.1	6	5.0	9.9	5.08	399-3636-ND	.78	.68	.53	T356D226K006AT
	33	3	1.6	6	5.5	10.2	5.08	399-3646-ND	.83	.72	.56	T356E336K006AT
	47	2	2.3	6	6.0	11.2	5.08	399-3652-ND	.93	.80	.63	T356F476K006AT