



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.

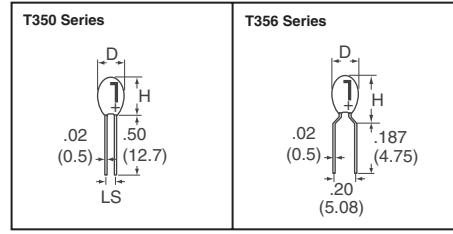
All case sizes are printed with capacitance, voltage, polarity and vendor identification, these self-insulating cases are resistant to shock and vibration.

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. @ 25°C	Max. DF % @ 120Hz	Dimensions – mm			Digi-Key Part No.	Price Each			Kemet Part No.
					D	H	LS		1	10	100	
T350 Series												
10	3.3	10	0.5	5	4.5	7.1	2.54	399-1388-ND	48	42	33	T350A335K010AS
	33	2.1	2.6	6	6.0	9.9	2.54	399-1394-ND	1.03	.89	.70	T350F336K010AS
	6.8	4	0.9	5	5.0	8.4	2.54	399-1402-ND	69	59	47	T350C685K016AS
16	10	3.2	1.3	6	5.5	8.9	2.54	399-1403-ND	.71	.61	.48	T350E160K016AS
	50	.15	21	0.5	3	4.5	7.1	2.54	399-1440-ND	53	45	36
	.68	10	0.5	3	4.5	7.6	2.54	399-1444-ND	59	51	40	T350B684K050AS
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	T350C686K006AT
	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
10	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	11.4	2.54	399-3582-ND	1.10	.95	.75	T350G686K006AT
	100	1.6	4.8	8	7.6	11.9	2.54	399-3583-ND	2.60	2.23	1.75	T350H107K006AT
	150	0.9	7.2	8	8.4	14.0	2.54	399-3590-ND	3.33	2.86	2.24	T350J157K006AT
	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
16	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	2.54	399-3588-ND	3.33	2.86	2.24	T350J107K010AT
	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
20	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	2.54	399-3592-ND	2.77	2.38	1.87	T350J476K016AT
	68	1	8.2	6	8.9	13.5	2.54	399-3597-ND	3.33	2.86	2.24	T350K686K016AT
	100	0.8	10.0	8	8.9	16.0	2.54	399-3598-ND	7.14	6.12	4.80	T350L107K016AT
	1.0	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	2.54	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
1.5		8	0.5	3	4.5	7.1	2.54	399-3533-ND	.48	.42	.33	T350A155K025AT
2.2		6	0.5	3	4.5	7.6	2.54	399-3550-ND	.59	.51	.40	T350B225K025AT
3.3		5	0.7	3	4.5	7.6	2.54	399-3551-ND	.59	.51	.40	T350B335K025AT
4.7		4	0.9	3	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	10.2	2.54	399-3580-ND	2.00	1.71	1.34	T350G156K025AT
22		1.5	4.4	6	7.6	10.2	2.54	399-3584-ND	2.60	2.23	1.75	T350H226K025AT
33		1.2	6.6	6	8.4	12.7	2.54	399-3591-ND	3.33	2.86	2.24	T350J336K025AT
47	1	9.4	6	8.9	13.5	2.54	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	3	4.5	7.6	2.54	399-3549-ND	.54	.47	.37	T350B155K035AT
	2.2	5	0.6	3	5.0	8.4	2.54	399-3558-ND	.59	.51	.40	T350C225K035AT
	3.3	4	0.9	3	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	2.54	399-3589-ND	3.14	2.69	2.11	T350J156K035AT
	22	1.3	6.2	6	8.9	13.5	2.54	399-3595-ND	3.14	2.69	2.11	T350K226K035AT
	47	0.8	10.0	6	10.2	17.0	2.54	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	
50	.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	3	5.5	8.9	2.54	399-3566-ND	.88	.76	.60	T350E155K050AT
	2.2	3.5	0.9	3	5.5	8.9	2.54	399-3569-ND	.93	.80	.63	T350E225K050AT
	3.3	3	1.3	3	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	2.54	399-3581-ND	1.50	1.29	1.01	T350G106K050AT

WV (DC)	Cap. (µF)	ESR @ 100kHz @ +25°C	D.C.L. @ 25°C	Max. DF % @ 120Hz	Dimensions – mm			Digi-Key Part No.	Price Each			Kemet Part No.
					D	H	LS		1	10	100	
T356 Series												
50	4.7	2.5	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	2.54	399-3593-ND	3.02	2.60	2.04	T350J685K050AT
	10	1.6	4.0	6	8.9	13.5	2.54	399-3594-ND	5.32	4.56	3.58	T350K106K050AT
T356 Series – RoHS Compliant												
16	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	T356A685K006AT
	10	6	0.5	6	4.5	8.9	5.08	399-3623-ND	.59	.51	.40	T356B106K006AT
	15	5	0.7	6	5.0	9.6	5.08	399-3632-ND	.66	.57	.45	T356C156K006AT
	22											