

# KEMET Tantalum Capacitors



## "ULTRA DIP II" TANTALUM CAPACITORS, 10% TOLERANCE

The KEMET "Ultra Dip 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  $\pm 0.015$  inch. The gold color epoxy utilized permits laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity, and vendor identification. Solid tantalum devices exhibit no degradation failure mode during shelf storage and show a constantly decreasing failure rate (i.e., absence of wearout mechanism) during life tests. The "UltraDip II" Series provides self-insulation cases which are resistant to shock and vibration. These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability. Voltages listed are at 85°C. Derate voltage 33% at 125°C.



RoHS Compliant

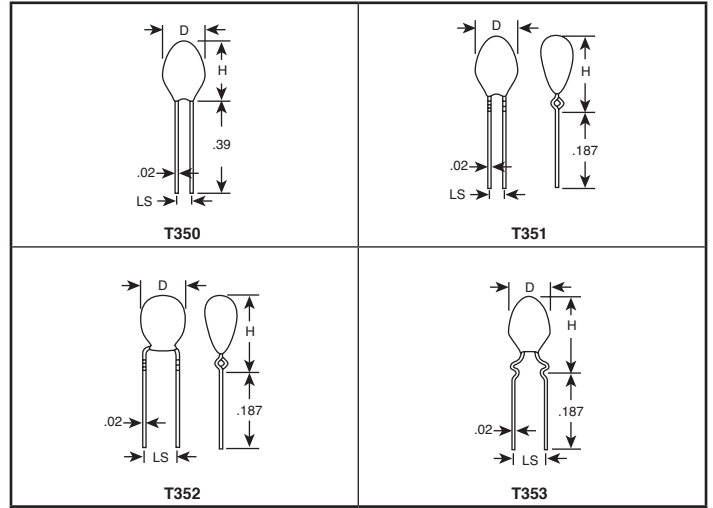
Available in various lead configuration, tolerances, and packaging. Contact a Mouser Sales Representative for more information.

DIMENSIONS: in.

### T350, Straight Lead

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value ( $\mu$ f)	Dimensions: in.			Price Each		
			D	H	LS	1	25	100
<b>6.3 Volt</b>								
80-T350E336K006AT	T350E336K006AT	33	.216	.350	.100	1.52	1.17	.90
80-T350F476K006AT	T350F476K006AT	47	.236	.390	.100	1.56	1.20	.92
80-T350G686K006AT	T350G686K006AT	68	.250	.400	.100	1.59	1.43	1.09
80-T350H107K006AT	T350H107K006AT	100	.300	.400	.100	2.66	2.59	2.19
80-T350L337K006AT	T350L337K006AT	330	.350	.630	.200	7.42	6.40	5.28
<b>10 Volt</b>								
80-T350A475K010AT	T350A475K010AT	4.7	.175	.280	.100	.81	.72	.58
80-T350B685K010AT	T350B685K010AT	6.8	.175	.300	.100	1.30	1.00	.77
80-T350C106K010AT	T350C106K010AT	10	.196	.330	.100	1.29	1.00	.77
80-T350E226K010AT	T350E226K010AT	22	.216	.350	.100	1.60	1.14	.95
80-T350F336K010AT	T350F336K010AT	33	.236	.390	.100	1.72	1.03	1.02
80-T350H476K010AT	T350H476K010AT	47	.300	.400	.100	2.48	1.99	1.52
80-T350H686K010AT	T350H686K010AT	68	.300	.400	.100	2.66	2.59	2.19
80-T350J107K010AT	T350J107K010AT	100	.330	.500	.200	3.30	3.21	2.61
80-T350L227K010AT	T350L227K010AT	220	.350	.630	.200	7.42	6.40	5.28
<b>16 Volt</b>								
80-T350A155K016AT	T350A155K016AT	1.5	.175	.280	.100	.81	.72	.58
80-T350A225K016AT	T350A225K016AT	2.2	.175	.280	.100	1.05	.78	.58
80-T350A335K016AT	T350A335K016AT	3.3	.175	.280	.100	.81	.72	.58
80-T350B475K016AT	T350B475K016AT	4.7	.175	.300	.100	1.16	1.00	.89
80-T350E106K016AT	T350E106K016AT	10	.216	.350	.100	1.29	1.00	.77
80-T350E156K016AT	T350E156K016AT	15	.216	.350	.100	1.70	1.56	1.00
80-T350F226K016AT	T350F226K016AT	22	.236	.390	.100	1.56	1.20	.92
80-T350H336K016AT	T350H336K016AT	33	.300	.400	.100	2.48	1.98	1.52
80-T350J476K016AT	T350J476K016AT	47	.330	.500	.200	3.80	3.05	2.33
80-T350K686K016AT	T350K686K016AT	68	.350	.530	.200	3.30	3.18	2.61
80-T350L107K016AT	T350L107K016AT	100	.350	.630	.200	7.20	6.18	4.88
80-T350M157K016AT	T350M157K016AT	150	.400	.670	.200	7.42	6.40	5.28
<b>20 Volt</b>								
80-T350C475K020AT	T350C475K020AT	4.7	.196	.330	.100	1.30	1.00	.80
80-T350E106K020AT	T350E106K020AT	10	.216	.350	.100	1.29	1.00	.77
80-T350F156K020AT	T350F156K020AT	15	.236	.390	.100	1.20	1.03	.92
80-T350G226K020AT	T350G226K020AT	22	.250	.400	.100	2.17	2.09	1.77
80-T350K476K020AT	T350K476K020AT	47	.350	.530	.200	3.21	2.97	2.46
80-T350L686K020AT	T350L686K020AT	68	.350	.630	.200	7.20	6.18	4.88
80-T350M107K020AT	T350M107K020AT	100	.400	.670	.200	7.42	6.42	5.28
<b>25 Volt</b>								
80-T350A105K025AT	T350A105K025AT	1.0	.175	.280	.100	1.06	.78	.58
80-T350B225K025AT	T350B225K025AT	2.2	.175	.300	.100	1.16	.89	.68
80-T350B335K025AT	T350B335K025AT	3.3	.175	.300	.100	1.16	.89	.78
80-T350C475K025AT	T350C475K025AT	4.7	.196	.330	.100	1.29	1.00	.77
80-T350E106K025AT	T350E106K025AT	10	.216	.350	.100	1.70	1.32	1.00
80-T350H226K025AT	T350H226K025AT	22	.300	.400	.100	3.56	2.85	2.19
80-T350J336K025AT	T350J336K025AT	33	.330	.500	.200	3.30	3.18	2.61
80-T350K476K025AT	T350K476K025AT	47	.350	.530	.200	5.11	4.56	3.46
80-T350L686K025AT	T350L686K025AT	68	.350	.630	.200	7.42	6.40	5.28
<b>35 Volt</b>								
80-T350A104K035AT	T350A104K035AT	0.1	.175	.280	.100	.81	.72	.58
80-T350A224K035AT	T350A224K035AT	0.22	.175	.280	.100	.81	.72	.58
80-T350A334K035AT	T350A334K035AT	0.33	.175	.280	.100	.81	.72	.58
80-T350A474K035AT	T350A474K035AT	0.47	.175	.280	.100	1.06	.78	.58
80-T350A684K035AT	T350A684K035AT	0.68	.175	.280	.100	.81	.72	.58
80-T350A105K035AT	T350A105K035AT	1.0	.175	.280	.100	1.05	.78	.58
80-T350B155K035AT	T350B155K035AT	1.5	.175	.300	.100	1.20	1.00	.79
80-T350C225K035AT	T350C225K035AT	2.2	.196	.330	.100	1.16	.90	.68
80-T350D335K035AT	T350D335K035AT	3.3	.196	.340	.100	1.34	1.02	.79
80-T350E475K035AT	T350E475K035AT	4.7	.216	.350	.100	1.42	1.09	.85
80-T350F685K035AT	T350F685K035AT	6.8	.258	.390	.100	1.47	1.14	.88
80-T350G106K035AT	T350G106K035AT	10	.250	.400	.100	2.24	1.80	1.38
80-T350J156K035AT	T350J156K035AT	15	.330	.500	.200	3.21	2.97	2.46
80-T350K226K035AT	T350K226K035AT	22	.350	.530	.200	3.21	2.97	2.46
80-T350L336K035AT	T350L336K035AT	33	.350	.630	.200	12.08	9.67	7.26
80-T350M476K035AT	T350M476K035AT	47	.400	.670	.200	7.42	6.40	5.28
<b>50 Volt</b>								
80-T350A104K050AT	T350A104K050AT	0.1	.175	.280	.100	1.16	.77	.64
80-T350B105K050AT	T350B105K050AT	1.0	.175	.300	.100	1.16	.90	.68
80-T350E225K050AT	T350E225K050AT	2.2	.216	.350	.100	1.60	1.14	.95
80-T350F335K050AT	T350F335K050AT	3.3	.236	.390	.100	1.72	1.32	1.02
80-T350G475K050AT	T350G475K050AT	4.7	.250	.400	.100	1.70	1.54	1.27
80-T350K106K050AT	T350K106K050AT	10	.350	.530	.200	5.36	5.17	3.63
80-T350M226K050AT	T350M226K050AT	22	.400	.670	.200	20.11	13.40	11.72



D = max. diameter, H = max. height, LS = lead spacing

### T351, Formed Leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value ( $\mu$ f)	Dimensions: in.			Price Each		
			D	H	LS	1	25	100
<b>10 Volt</b>								
80-T351A475K10AT	T351A475K010AT	4.7	.175	.380	.100	.82	.75	.67
<b>16 Volt</b>								
80-T351A225K16AT	T351A225K016AT	2.2	.175	.380	.100	.40	.37	.32
80-T351B475K16AT	T351B475K016AT	4.7	.175	.390	.100	2.01	1.65	1.11
80-T351F226K016AT	T351F226K016AT	22	.236	.480	.100	1.24	1.08	.88
<b>25 Volt</b>								
80-T351B225K25AT	T351B225K025AT	2.2	.175	.390	.100	1.09	.90	.71
80-T351E106K025AT	T351E106K025AT	10	.216	.440	.100	1.17	1.03	.89
<b>35 Volt</b>								
80-T351A474K035AT	T351A474K035AT	0.47	.175	.380	.100	.82	.75	.67
80-T351A105K035AT	T351A105K035AT	1.0	.175	.380	.100	1.12	.74	.66
80-T351C225K035AT	T351C225K035AT	2.2	.196	.420	.100	2.01	1.65	1.11
80-T351G106K035AT	T351G106K035AT	10	.250	.500	.100	3.62	2.41	2.10

### T352, Formed Leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value ( $\mu$ f)	Dimensions: in.			Price Each		
			D	H	LS	1	25	100
<b>16 Volt</b>								
80-T352F226K016AT	T352F226K016AT	22	.236	.500	.200	1.24	1.08	.88
<b>25 Volt</b>								
80-T352E106K025AT	T352E106K025AT	10	.216	.460	.200	1.56	1.38	1.10
<b>35 Volt</b>								
80-T352A105K035AT	T352A105K035AT	1.0	.175	.400	.200	1.12	.74	.66
80-T352F685K035AT	T352F685K035AT	6.8	.236	.500	.200	1.04	.92	.74
80-T352G106K035AT	T352G106K035AT	10	.250	.510	.200	3.62	2.41	2.10

### T353, Formed Leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value ( $\mu$ f)	Dimensions: in.			Price Each		
			D	H	LS	1	25	100
<b>20 Volt</b>								
80-T353M107K020AT	T353M107K020AT	100	.400	.760	.200	12.01	10.51	8.11
<b>25 Volt</b>								
80-T353E106K025AT	T353E106K025AT	10	.216	.460	.200	1.46	1.28	1.11
80-T353H226K025AT	T353H226K025AT	22	.300	.520	.200	6.40	5.49	4.60
<b>35 Volt</b>								
80-T353A105K035AT	T353A105K035AT	1.0	.175	.400	.200	1.12	.74	.66
80-T353G106K035AT	T353G106K035AT	10	.250	.510	.200	2.01	1.80	1.42
80-T353K226K035AT	T353K226K035AT	22	.350	.630	.200	4.20	3.74	2.97
80-T353M476K035AT	T353M476K035AT	47	.400	.760	.200	10.96	9.90	7.75
<b>50 Volt</b>								
80-T353K106K050AT	T353K106K050AT	10	.350	.630	.200	9.34	7.22	5.39