

KEMET Tantalum Capacitors



T322 SERIES, TANTALUM, MOLDED AXIALS, 10% TOLERANCE

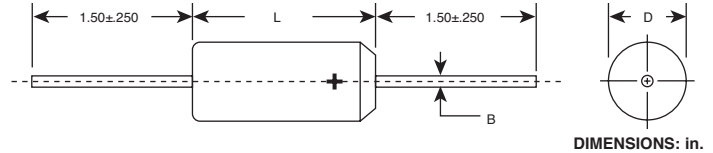
These capacitors offer an extremely high capacitance-to-volume ratio while still maintaining excellent performance. Ideally suited for use in printed wiring boards and all applications requiring a high degree of packaging density.

Typical applications include decoupling, blocking, bypassing and filtering in commercial computers, data processing, communications, and other electronic equipment. The low ESR/impedance at high frequencies offered by this capacitor is especially suitable for decoupling required by high speed computers. Voltage rated at 85°C. Derate voltage 33% at 125°C.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µf)	Dimensions: in.			Price Each		
			D	L	B	1	10	100
6.3 Volt								
80-T322B156K006AT	T322B156K006AT	15	.110	.290	.020	1.24	.98	.89
80-T322D476K06AT	T322D476K006AT	47	.180	.420	.020	2.18	1.71	1.33
80-T322D686K06AT	T322D686K006AT	68	.180	.420	.020	2.35	1.91	1.44
10 Volt								
80-T322A335K10AT	T322A335K010AT	3.3	.095	.260	.020	1.13	.90	.68
80-T322B475K10AT	T322B475K010AT	4.7	.110	.290	.020	1.24	.98	.89
80-T322B106K10AT	T322B106K010AT	10	.110	.290	.020	1.24	.98	.89
80-T322C226K10AT	T322C226K010AT	22	.180	.345	.020	1.95	1.57	1.20
80-T322D336K10AT	T322D336K010AT	33	.180	.420	.020	2.18	1.71	1.33
80-T322D476K010AT	T322D476K010AT	47	.180	.420	.020	2.35	1.91	1.44
80-T322E107K10AT	T322E107K010AT	100	.280	.530	.025	5.59	3.99	3.11
80-T322F227K10AT	T322F227K010AT	220	.300	.710	.025	10.44	9.26	7.41
15 Volt								
80-T322B335K15AT	T322B335K015AT	3.3	.110	.290	.020	1.24	.98	.89
80-T322B685K15AT	T322B685K015AT	6.8	.110	.290	.020	1.40	1.10	.86
80-T322D226K15AT	T322D226K015AT	22	.180	.420	.020	2.18	1.71	1.33
80-T322D336K15AT	T322D336K015AT	33	.180	.420	.020	2.35	1.91	1.44
80-T322E107K015AT	T322E107K015AT	100	.280	.530	.025	4.98	4.64	3.61
20 Volt								
80-T322A105K20AT	T322A105K020AT	1.0	.095	.260	.020	1.03	.84	.68
80-T322B225K20AT	T322B225K020AT	2.2	.110	.290	.020	1.24	.98	.89
80-T322B475K20AT	T322B475K020AT	4.7	.110	.290	.020	1.40	1.10	.83
80-T322C106K20AT	T322C106K020AT	10	.180	.345	.020	1.95	1.57	1.20
80-T322D156K020AT	T322D156K020AT	15	.180	.420	.020	2.18	1.71	1.33
80-T322D226K020AT	T322D226K020AT	22	.180	.420	.020	2.35	1.91	1.44
80-T322E476K020AT	T322E476K020AT	47	.280	.530	.025	5.59	3.99	3.11
80-T322F107K020AT	T322F107K020AT	100	.300	.710	.025	10.44	9.26	7.41
25 Volt								
80-T322A105K25AT	T322A105K025AT	1.0	.095	.260	.020	1.13	.84	.68
80-T322B225K25AT	T322B225K025AT	2.2	.110	.290	.020	1.40	1.09	.83



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MOUSER STOCK NO.	KEMET Part No.	Value (µf)	Dimensions: in.			Price Each		
			D	L	B	1	10	100
25 Volt (Cont.)								
80-T322C685K25AT	T322C685K025AT	6.8	.180	.345	.020	1.95	1.57	1.20
80-T322C106K25AT	T322C106K025AT	10	.180	.345	.020	1.93	1.65	1.29
80-T322D156K25AT	T322D156K025AT	15	.180	.420	.020	2.35	1.91	1.44
80-T322E226K25AT	T322E226K025AT	22	.280	.530	.025	5.59	3.99	3.11
80-T322E476K25AT	T322E476K025AT	47	.280	.530	.025	4.98	4.64	3.61
35 Volt								
80-T322A474K35AT	T322A474K035AT	0.47	.095	.260	.020	1.13	.90	.68
80-T322B105K35AT	T322B105K035AT	1.0	.110	.290	.020	1.24	.98	.89
80-T322C225K35AT	T322C225K035AT	2.2	.180	.345	.020	1.95	1.57	1.20
80-T322C335K35AT	T322C335K035AT	3.3	.180	.345	.020	1.95	1.57	1.20
80-T322C475K35AT	T322C475K035AT	4.7	.180	.345	.020	1.95	1.57	1.20
80-T322D565K35AT	T322D565K035AT	5.6	.180	.420	.020	2.18	1.71	1.64
80-T322D685K35AT	T322D685K035AT	6.8	.180	.420	.020	2.18	1.71	1.33
80-T322D106K35AT	T322D106K035AT	10	.180	.420	.020	2.35	1.91	1.44
80-T322E226K35AT	T322E226K035AT	22	.280	.530	.025	5.59	3.99	3.11
80-T322E336K35AT	T322E336K035AT	33	.280	.530	.025	4.63	4.17	3.14
80-T322F476K35AT	T322F476K035AT	47	.300	.710	.025	10.44	9.26	7.41
50 Volt								
80-T322A104K50AT	T322A104K050AT	0.1	.095	.260	.020	1.28	1.01	.92
80-T322B105K50AT	T322B105K050AT	1	.114	.290	.020	1.67	1.32	1.00
80-T322E106K50AT	T322E106K050AT	10	.280	.530	.025	4.39	3.94	2.97
80-T322F226K50AT	T322F226K050AT	22	.300	.710	.025	11.53	10.94	8.63



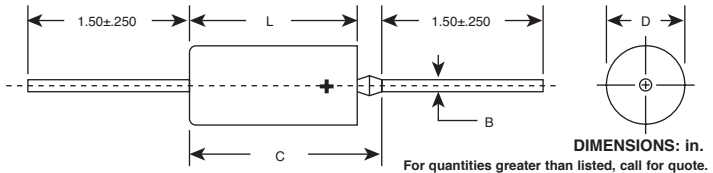
T110 SERIES, TANTALUM HERMETICALLY SEALED, AXIAL, 10% TOLERANCE

KEMET standard hermetic sealed T110 Series are desirable for use in high humidity environments. They are ruggedly built, designed for miniaturized circuitry, and are especially suited for coupling, bypass filtering and R-C timing circuits. They exhibit excellent stability, extremely low DC leakage current, dissipation factor, and ESR/impedance over a wide temperature and frequency range. Voltage rated at 85°C. Derate voltage 33% at 125°C.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µf)	Dimensions: in.				Price Each		
			D	L	B	C	1	25	50
6.3 Volt									
80-T110B476K006AT	T110B476K006AT	47	.185	.474	.020	.610	2.56	2.46	2.07
10 Volt									
80-T110A105K010AT	T110A105K010AT	1.0	.135	.286	.020	.422	4.03	3.70	3.36
80-T110A475K010AT	T110A475K010AT	4.7	.135	.286	.020	.422	4.02	3.76	3.49
80-T110B106K010AT	T110B106K010AT	10	.185	.474	.020	.610	5.61	5.13	4.49
80-T110B226K010AT	T110B226K010AT	22	.185	.474	.020	.610	5.61	5.13	4.49
80-T110B336K010AT	T110B336K010AT	33	.185	.474	.020	.610	2.40	2.24	2.09
80-T110B396K010AT	T110B396K010AT	39	.185	.474	.020	.610	2.42	2.24	1.93
80-T110C107K010AT	T110C107K010AT	100	.289	.686	.025	.822	13.34	10.67	9.40
80-T110C127K010AT	T110C127K010AT	120	.289	.686	.025	.822	13.34	10.67	9.40
80-T110D227K010AT	T110D227K010AT	220	.351	.786	.025	.922	14.35	12.90	12.08
15 Volt									
80-T110A335K015AT	T110A335K015AT	3.3	.135	.286	.020	.422	4.03	3.70	3.36
80-T110B226K015AT	T110B226K015AT	22	.185	.474	.020	.610	2.40	2.24	2.09
80-T110D107K015AT	T110D107K015AT	100	.351	.786	.025	.922	15.31	13.76	12.89
80-T110D127K015AT	T110D127K015AT	120	.351	.786	.025	.922	15.76	14.18	12.61
20 Volt									
80-T110A105K020AT	T110A105K020AT	1.0	.135	.286	.020	.422	4.03	3.70	3.36
80-T110A225K020AT	T110A225K020AT	2.2	.135	.286	.020	.422	1.84	1.70	1.51
80-T110B106K020AT	T110B106K020AT	10	.185	.474	.020	.610	2.38	2.23	1.99
80-T110B156K020AT	T110B156K020AT	15	.185	.474	.020	.610	5.28	4.83	4.22
80-T110C476K020AT	T110C476K020AT	47	.289	.686	.025	.822	7.45	5.74	5.14
80-T110D107K020AT	T110D107K020AT	100	.351	.786	.025	.922	12.58	12.02	11.34



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MOUSER STOCK NO.	KEMET Part No.	Value (µf)	Dimensions: in.				Price Each		
			D	L	B	C	1	25	50
35 Volt									
80-T110A474K035AT	T110A474K035AT	0.47	.135	.286	.020	.422	4.02	3.76	3.49
80-T110A105K035AT	T110A105K035AT	1.0	.135	.286	.020	.422	1.84	1.70	1.51
80-T110B225K035AT	T110B225K035AT	2.2	.185	.474	.020	.610	2.56	2.46	2.07
80-T110B335K035AT	T110B335K035AT	3.3	.185	.474	.020	.610	2.40	2.11	2.01
80-T110B475K035AT	T110B475K035AT	4.7	.185	.474	.020	.610	2.42	2.24	1.93
80-T110B565K035AT	T110B565K035AT	5.6	.185	.474	.020	.610	2.56	2.46	2.07
80-T110B685K035AT	T110B685K035AT	6.8	.185	.474	.020	.610	1.93	1.80	1.68
80-T110C106K035AT	T110C106K035AT	10	.289	.686	.025	.822	9.20	8.80	8.50
80-T110C226K035AT	T110C226K035AT	22	.289	.686	.025	.822	7.45	5.74	5.14
80-T110D476K035AT	T110D476K035AT	47	.351	.786	.025	.922	13.99	13.63	12.98
50 Volt									
80-T110A105K050AT	T110A105K050AT	1.0	.135	.286	.020	.422	1.88	1.78	1.60
80-T110B475K050AT	T110B475K050AT	4.7	.185	.474	.020	.610	2.56	2.29	2.05
80-T110C106K050AT	T110C106K050AT	10	.289	.686	.025	.822	5.87	5.27	5.15
80-T110D226K050AT	T110D226K050AT	22	.351	.786	.025	.922	14.47	13.01	12.18



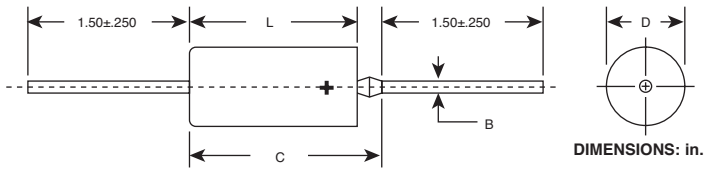
T550 SERIES, TANTALUM HERMETICALLY SEALED, AXIAL, 10% TOLERANCE

The organic polymer characteristic of the T550 Polymer Hermetic Seal Series (PHS) from KEMET results in very low ESR and improved capacitance retention at high frequency and low temperature. The T550 PHS capacitor can be operated at voltages up to 80% of rated voltage with equivalent or better reliability than the traditional MnO2 or wet tantalum capacitors that operated at 50% of rated voltage. The capacitance range of the T550 capacitor is 100µF to 120µF @ 120 Hz/25°C and its operating temperature range is -55°C to 105°C.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µf)	Dimensions: in.				Price Each		
			D	L	B	C	1	20	50
80-T550B107K060AH	T550B107K060AH	100	.312	.641	.025	.891	62.99	55.98	52.49



For quantities greater than listed, call for quote.