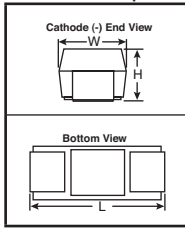


# KEMET Low ESR and High Temperature Tantalum Capacitors

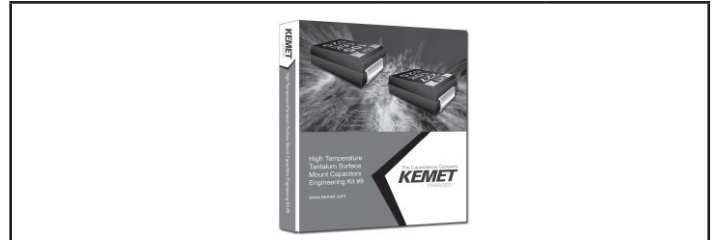
The Capacitor Company  
**KEMET**  
CHARGED!

RoHS Compliant This product is RoHS compliant.

Case Size		Component - Dimensions: mm (in.)			
KEMET	EIA	L	W	H	
A	3216-18	3.2±0.2 (.126±.008)	1.6±0.2 (.063±.008)	1.6±0.2 (.063±.008)	
B	3528-21	3.5±0.02 (.138±.008)	2.8±0.2 (.110±.008)	1.9±0.2 (.075±.008)	
C	6032-28	6.0±0.3 (.236±.03)	3.2±0.3 (.126±.012)	2.5±0.3 (.098±.012)	
D	7343-31	7.3±0.3 (.287±.012)	4.3±0.3 (.169±.012)	2.8±0.3 (.098±.012)	
F	-	5.9 (.220)	3.43 (.135)	1.78 (.070)	
H	-	7.24 (.285)	3.81 (.150)	2.79 (.110)	
T	3528-12	3.5±0.2 (.138±.008)	2.8±0.2 (.110±.008)	1.2 (.047)	
V	7343-20	7.3±0.3 (.287±.012)	4.3±0.3 (.169±.012)	2.0 (.079)	
X	7343-43	7.3±0.3 (.287±.012)	4.3±0.3 (.169±.012)	4.0±0.3 (.157±.012)	



## TANTALUM ENGINEERING KIT - 09 T498, T499 HIGH TEMPERATURE



### T494 SERIES, LOW ESR (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
50V (Cont.)								
80-T494D225K050	T494D225K050AT	2.2	D	10%	2.58	1.79	500	1.00
80-T494D475K050	T494D475K050AT	4.7	D	10%	2.58	1.79	500	1.00
80-T494X685K050	T494X685K050AT	6.8	X	10%	8.29	7.35	500	6.22

### T495 SERIES, LOW ESR, INDUSTRIAL GRADE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
6V								
80-T495V107K006	T495V107K006AT	100	V	10%	6.72	3.46	1000	2.49
10V								
80-T495V107K010	T495V107K010AT	100	V	10%	6.94	3.57	1000	2.57
80-T495V157M010	T495V157M010AT	150	V	20%	3.59	2.62	1000	1.22
16V								
80-T495T106M16ATE4K0	T495T106M016ATE4K0	10	T	20%	1.76	1.32	2500	.78
80-T495V686K016	T495V686K016AT	68	V	10%	5.20	2.68	1000	1.94

### T497 SERIES, LOW ESR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
10V								
80-T497H476K10BH6110	T497H476K010BH6110	47	H	10	18.07	13.82	500	7.46
25V								
80-T497F685K25BH6110	T497F685K025BH6110	6.8	F	10	17.00	13.20	2500	6.00
50V								
80-T497H475K50BH6110	T497H475K050BH6110	4.7	H	10	18.39	12.26	2500	9.81

### T498 SERIES HIGH TEMPERATURE (150°C) TANTALUM CHIP CAPACITORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
10V								
80-T498B226K10TE1K5	T498B226K010TE1K5	22	B	10%	.87	.703	2000	.289
80-T498D107K10TE600	T498D107K010TE600	100	D	10%	1.93	1.69	500	.88
80-T498X227K10TE500	T498X227K010TE500	220	X	10%	5.18	4.60	500	2.08
16V								
80-T498A105K16TE6K5	T498A105K016TE6K5	1.0	A	10%	.39	.34	2000	.166
80-T498A335K16TE3K4	T498A335K016TE3K4	3.3	A	10%	.71	.59	2000	.166
80-T498B475K16TE2K1	T498B475K016TE2K1	4.7	B	10%	.52	.45	2000	.223
80-T498A685K16TE2K6	T498A685K016TE2K6	6.8	A	10%	.70	.48	2000	.192
80-T498B685K16TE1K8	T498B685K016TE1K8	6.8	B	10%	.52	.45	2000	.223
80-T498B106K16TE2K8	T498B106K016TE2K8	10	B	10%	.91	.77	2000	.31
80-T498D476K16TE600	T498D476K016TE600	47	D	10%	1.58	1.33	500	.67
80-T498X107K16TE075	T498X107K016TE075	100	X	10%	5.10	4.11	500	2.30
25V								
80-T498A474K25TE8K5	T498A474K025TE8K5	0.47	A	10%	.36	.31	2000	.178
80-T498B225K25TE3K0	T498B225K025TE3K0	2.2	B	10%	.91	.643	2000	.219
80-T498C106K25TE1K1	T498C106K025TE1K1	10	C	10%	1.10	.96	500	.47
80-T498D226K25TE600	T498D226K025TE600	22	D	10%	1.58	1.33	500	.67
80-T498D336K25TE600	T498D336K025TE600	33	D	10%	3.81	3.38	500	1.68
35V								
80-T498A105K35TE10K	T498A105K035TE10K	1.0	A	10%	.87	.73	2000	.192
80-T498D106K35TE700	T498D106K035TE700	10	D	10%	1.98	1.46	500	.61
80-T498X336K35TE500	T498X336K035TE500	33	X	10%	5.18	4.46	500	2.08
50V								
80-T498D106K50TE1K0	T498D106K050TE1K0	10	D	10%	3.30	2.56	500	2.01

### T499 SERIES HIGH TEMPERATURE (175°C) TANTALUM CHIP CAPACITORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
3.3 V								
80-T499D476K6TE800	T499D476K006ATE800	47	D	10%	2.02	1.42	500	.83
6.3V								
80-T499A475K6TE6K0	T499A475K006ATE6K0	4.7	A	10%	.81	.403	2000	.196
80-T499B106K6TE3K5	T499B106K006ATE3K5	10	B	10%	.71	.509	2000	.246
80-T499B226K6TE3K5	T499B226K006ATE3K5	22	B	10%	.79	.54	2000	.26
80-T499B336K6TE3K0	T499B336K006ATE3K0	33	B	10%	1.18	.85	2000	.38

KEMET Part No.	Value (µF)	Voltage	ESR (mΩ)
T498A475K010ATE2K9	4.7	10	2.9
T498C226K016ATE1K0	22.0	16	1.0
T499B106K016ATE3K5	10.0	16	3.5
T499B475K020ATE3K5	4.7	20	3.5
T499A105K025ATE8K0	1.0	25	8.0
T499D156K025ATE1K0	15.0	25	1.0
T499B105K035ATE5K0	1.0	35	5.0
T499D106K035ATE1K0	10.0	35	1.0
T499X226K035ATE700	22.0	35	0.7
T499D106K050ATE1K0	10.0	50	1.0

MOUSER STOCK NO.	Quantity Per Value	Price Each
80-TANENGTKIT09	10 Pieces of each 10 values	51.00

### T499 SERIES HIGH TEMPERATURE (175°C) TANTALUM CHIP CAPACITORS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
6.3V (Cont.)								
80-T499C476K6TE1K8	T499C476K006ATE1K8	47	C	10%	1.50	1.14	500	.59
80-T499D686K6TE800	T499D686K006ATE800	68	D	10%	2.14	1.47	500	.83
80-T499D107K6TE800	T499D107K006ATE800	100	D	10%	2.14	1.47	500	.83
10V								
80-T499A155K10TE8K0	T499A155K010ATE8K0	1.5	A	10%	.59	.293	2000	.196
80-T499A225K10TE8K0	T499A225K010ATE8K0	2.2	A	10%	.81	.403	2000	.196
80-T499A335K10TE6K0	T499A335K010ATE6K0	3.3	A	10%	.81	.46	2000	.207
80-T499A475K10TE6K0	T499A475K010ATE6K0	4.7	A	10%	.81	.403	2000	.207
80-T499B475K10TE3K5	T499B475K010ATE3K5	4.7	B	10%	.71	.59	2000	.246
80-T499B106K10TE3K5	T499B106K010ATE3K5	10	B	10%	.71	.509	2000	.246
80-T499B226K10TE3K0	T499B226K010ATE3K0	22	B	10%	1.18	.85	2000	.38
80-T499D476K10TE800	T499D476K010ATE800	47	D	10%	2.14	1.47	500	.83
80-T499D107K10TE700	T499D107K010ATE700	100	D	10%	2.04	1.68	500	.96
80-T499X227K10TE500	T499X227K010ATE500	220	X	10%	5.57	4.49	500	2.51
16V								
80-T499A105K16TE10K	T499A105K016ATE10K	1.0	A	10%	.81	.46	2000	.207
80-T499A225K16TE6K0	T499A225K016ATE6K0	2.2	A	10%	.81	.403	2000	.196
80-T499B475K16TE6K0	T499B475K016ATE6K0	4.7	B	10%	.71	.509	2000	.246
80-T499B106K16TE3K5	T499B106K016ATE3K5	10	B	10%	.79	.54	2000	.26
80-T499C106K16TE1K8	T499C106K016ATE1K8	10	C	10%	1.31	.926	500	.54
80-T499C226K16TE1K6	T499C226K016ATE1K6	22	C	10%	1.42	1.00	500	.59
80-T499D476K16TE800	T499D476K016ATE800	47	D	10%	2.02	1.42	500	.83
20V								
80-T499A105K20TE10K	T499A105K020ATE10K	1.0	A	10%	.81	.46	2000	.207
80-T499B225K20TE3K5	T499B225K020ATE3K5	2.2	B	10%	.71	.509	2000	.246
80-T499B335K20TE3K5	T499B335K020ATE3K5	3.3	B	10%	.71	.509	2000	.246
80-T499B475K20TE3K5	T499B475K020ATE3K5	4.7	B	10%	.71	.59	2000	.246
80-T499C475K20TE2K4	T499C475K020ATE2K4	4.7	C	10%	.95	.674	500	.54
80-T499C106K20TE1K8	T499C106K020ATE1K8	10	C	10%	1.39	1.05	500	.54
80-T499D156K20TE1K0	T499D156K020ATE1K0	15	D	10%	2.02	1.42	500	.83
80-T499D226K20TE800	T499D226K020ATE800	22	D	10%	2.02	1.42	500	.83
25V								
80-T499A474K25TE14K	T499A474K025ATE14K	0.47	A	10%	.81	.46	2000	.207
80-T499A684K25TE10K	T499A684K025ATE10K	0.68	A	10%	.81	.403	2000	.196
80-T499A105K25TE8K0	T499A105K025ATE8K0	1.0	A	10%	.60	.413	2000	.20
80-T499B225K25TE4K5	T499B225K025ATE4K5	2.2	B	10%	.79	.54	2000	.26
80-T499B685K25TE1K1	T499B685K025ATE1K1	6.8	D	10%	1.47	1.03	500	.83
80-T499C106K25TE1K5	T499C106K025ATE1K5	10	C	10%	1.42	1.00	500	.59
80-T499D226K25TE800	T499D226K025ATE800	22	D	10%	1.47	1.03	500	.83
80-T499D336K25TE700	T499D336K025ATE700	33	D	10%	4.64	3.77	500	2.10
35V								
80-T499A154K35TE19K	T499A154K035ATE19K	0.15	A	10%	.81	.403	2000	.196
80-T499A224K35TE18K	T499A224K035ATE18K	0.22	A	10%	.59	.293	2000	.196
80-T499A334K35TE15K	T499A334K035ATE15K	0.33	A	10%	.81	.403	2000	