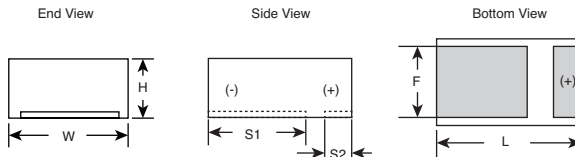
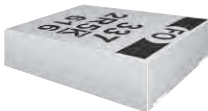


KEMET Tantalum Chip Capacitors and Low ESR

The Capacitance Company
KEMET
CHARGED.

T428 SERIES HIGH VOLTUMETRIC EFFICIENCY FACEDOWN MNO2

- Features:
- High CV/cc
 - Laser marked case
 - Halogen free epoxy
 - Operating temperature range: -55°C to +125°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Case Code	Value (µF)	Volts	Tol. ±	Price Each			Reel Qty.	Price Per Piece
						1	50	100		
80-T428P187K16AH6110	T428P187K016AH6110	P	180	16	10%	14.00	12.25	11.38	500	10.50
80-T428P227M016AH6110	T428P227M016AH6110	P	220	16	20%	13.32	11.66	10.82	500	9.99
80-T428P156M50AH6110	T428P156M050AH6110	P	15	50	20%	16.80	14.70	13.65	500	12.60
80-T428P397K006AH6110	T428P397K006AH6110	P	390	6.3	10%	14.00	12.25	11.38	500	10.50

DIMENSIONS: mm							
Case Size		Component					
KEMET	EIA	L	W	H	F±0.2	S1±0.2	S2±0.2
P	7260-38	7.2	6.0±0.3	3.5±0.3	4.95	1.6	1.6

496 SERIES, LOW ESR, FAIL-SAFE FUSED

- Features:
- Built-in fuse protects against damaging short circuit failure mode
 - Symmetrical, compliant terminations
 - Patented fuse assembly
 - 100% Surge Current test on C, D, X cases

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 Volt Rating @ 85°C (4 Volt Rating @ 125°C)								
80-T496D107M006	T496D107M006ATE800	100	D	20%	3.30	2.47	500	1.32
10 Volt Rating @ 85°C (7 Volt Rating @ 125°C)								
80-T496B475M010	T496B475M010ATE3K5	4.7	B	20%	1.45	1.27	2000	.73
80-T496C226M010	T496C226M010ATE2K0	22	C	10%	2.64	1.98	500	1.05
80-T496C226M010	T496C226M010ATE2K0	22	C	20%	2.05	1.49	500	.96
80-T496D476K010	T496D476K010ATE1K0	47	D	10%	3.43	2.57	500	1.37
80-T496D476M010	T496D476M010ATE1K0	47	D	20%	3.30	2.47	500	1.32
80-T496D107K010	T496D107K010ATE700	100	D	10%	3.09	2.26	500	1.54
80-T496X227K010	T496X227K010ATE500	220	X	10%	6.53	5.44	500	2.77
16 Volt Rating @ 85°C (10 Volt Rating @ 125°C)								
80-T496B475K016	T496B475K016ATE3K5	4.7	B	10%	1.58	1.30	2000	.55
80-T496B106K016	T496B106K016ATE3K5	10	B	10%	1.67	1.37	2000	.58
80-T496B106M016	T496B106M016ATE3K5	10	B	20%	1.58	1.30	2000	.55
80-T496C106K016	T496C106K016ATE2K0	10	C	10%	2.64	1.98	500	1.05
80-T496C106M016	T496C106M016ATE2K0	10	C	20%	2.05	1.81	500	.96
80-T496C156K016	T496C156K016ATE2K0	15	C	10%	2.64	1.98	500	1.05
80-T496C156M016	T496C156M016ATE2K0	15	C	20%	2.05	1.81	500	.96
80-T496C226K016	T496C226K016ATE1K0	22	C	10%	2.85	2.39	500	1.35
80-T496D336K016	T496D336K016ATE1K0	33	D	10%	3.43	2.57	500	1.37
80-T496D476K016	T496D476K016ATE800	47	D	10%	3.43	2.57	500	1.37
80-T496D476M016	T496D476M016ATE800	47	D	20%	3.30	2.47	500	1.32
80-T496X476K016	T496X476K016ATE900	47	X	10%	5.08	4.23	500	2.15
80-T496X107K016	T496X107K016ATE700	100	X	10%	5.45	4.53	500	2.31

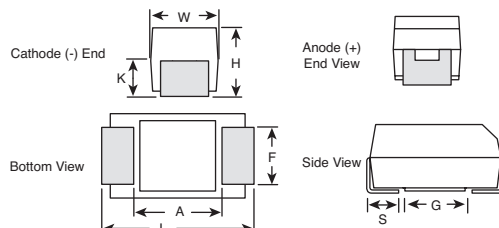
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Case Code	Tol. ±	Price Each		Reel Qty.	Price Per Piece
					1	100		
16 Volt Rating @ 85°C (10 Volt Rating @ 125°C) Cont.								
80-T496X107M016	T496X107M016ATE700	100	X	20%	5.08	4.23	500	2.15
20 Volt Rating @ 85°C (13 Volt Rating @ 125°C)								
80-T496B225K020	T496B225K020ATE3K5	2.2	B	10%	1.58	1.30	2000	.55
80-T496C106K020	T496C106K020ATE2K0	10	C	10%	2.64	1.98	500	1.05
80-T496C106M020	T496C106M020ATE2K0	10	C	20%	2.05	1.81	500	.96
80-T496D226K020	T496D226K020ATE1K0	22	D	10%	3.43	2.57	500	1.37
80-T496X336K020	T496X336K020ATE900	33	X	10%	5.08	4.23	500	2.15
25 Volt Rating @ 85°C (17 Volt Rating @ 125°C)								
80-T496C475K025	T496C475K025ATE2K5	4.7	C	10%	2.64	1.98	500	1.05
80-T496D106K025	T496D106K025ATE1K2	10	D	10%	3.43	2.57	500	1.37
80-T496D226K025	T496D226K025ATE800	22	D	10%	3.43	2.57	500	1.37
80-T496D226M025	T496D226M025ATE800	22	D	20%	3.30	2.47	500	1.32
80-T496X226K025	T496X226K025ATE900	22	X	10%	5.08	4.23	500	2.15
80-T496X226M025	T496X226M025ATE900	22	X	20%	5.15	4.14	500	2.76
35 Volt Rating @ 85°C (23 Volt Rating @ 125°C)								
80-T496B105K035	T496B105K035ATE5K0	1.0	B	10%	1.58	1.30	2000	.55
80-T496B105M035	T496B105M035ATE5K0	1.0	B	20%	1.45	.98	2000	.50
80-T496D475K035	T496D475K035ATE1K5	4.7	D	10%	3.43	2.57	500	1.37
80-T496D685K035	T496D685K035ATE1K5	6.8	D	10%	3.43	2.57	500	1.37
80-T496X106K035	T496X106K035ATE1K0	10	X	10%	5.08	4.23	500	2.15
80-T496X156M035	T496X156M035ATE900	15	X	20%	5.45	4.53	500	2.31
50 Volt Rating @ 85°C (33 Volt Rating @ 125°C)								
80-T496X475K050	T496X475K050ATE1K5	4.7	X	10%	5.81	4.84	500	2.46

T510 SERIES, ULTRA LOW ESR

- Features: T510 and T513
- Operating temperature range: -55°C to +125°C
 - High ripple current capability
 - 100% steady-state accelerated aging
 - Case sizes E and X

Case Size		DIMENSIONS: mm (in.)								
KEMET	EIA	L	W	H	K	F	S	A (Min.)	G (Ref.)	
X	7343-43	7.3±0.3 (.287±.012)	4.3±0.3 (.169±.012)	4.0±0.3 (.157±.012)	2.3±0.20 (.091±.008)	2.4±0.1 (.094±.004)	1.3±0.3 (.051±.012)	3.8 (.150)	3.5 (.138)	
E	7260-38	7.3±0.3 (.287±.012)	6.0±0.3 (.236±.012)	3.6±0.2 (.142±.008)	2.3±0.20 (.091±.008)	4.1±0.1 (.161±.004)	1.3±0.3 (.051±.012)	3.8 (.150)	3.5 (.138)	



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Volts	Case Code	ESR mΩ @ 25°C	DC Leakage µA @ 25°C Max.	Tol. %	Price Each			Reel Qty.	Price Per Piece
								1	10	100		
80-T510X687K004	T510X687K004ATE030	680	4	X	30	27.2	10	9.55	8.93	7.59	500	4.23
80-T510X108K004	T510X108K004ATE018	1000	4	X	18	40	10	9.73	8.92	8.11	500	7.30
80-T510E108K004	T510E108K004ATE018	1000	4	E	18	40	10	12.28	11.48	9.90	500	5.44
80-T510X477M006	T510X477M006ATE030	470	6	X	30	28.2	20	9.55	8.93	7.70	500	4.23
80-T510X477K006	T510X477K006ATE030	470	6.3	X	30	28.2	10	9.46	8.71	7.70	500	4.21
80-T510E687M006	T510E687M006ATE023	680	6.3	E	23	40.8	20	10.39	9.71	8.37	500	5.06
80-T510X337K010	T510X337K010ATE035	330	10	X	35	33	10	9.55	8.93	7.70	500	4.23
80-T510X337M010	T510X337M010ATE035	330	10	X	35	33	20	9.55	8.93	7.70	500	4.23
80-T510E476K035	T510E476K035ATE050	47	35	E	50	16.5	10	26.26	21.62	18.24	500	17.07
80-T510E107K025	T510E107K025ATE050	100	25	E	50	25	10	19.25	17.32	14.44	500	9.24

T513 SERIES, HIGH RELIABILITY

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	Volts	Case Code	ESR mΩ @ 25°C	DC Leakage µA @ 25°C Max.	Tol. %	Price Each			Reel Qty.	Price Per Piece
								1	10	100		
80-T513X477K6AH6110	T513X477K006AH6110	470	6.3	X	30	29.6	10	19.28	17.85	12.49	500	9.49
80-T513E687K6AH6110	T513E687K006AH6110	680	6.3	E	23	42.8	10	23.52	21.77	15.24	500	11.58
80-T513X337K10AH6110	T513X337K010AH6110	330	10	X	35	33.0	10	19.28	17.85	12.49	500	9.49

TANTALUM ENGINEERING KIT-04, LOW ESR, SURGE ROBUST

KEMET Part Number	Value (µF)	Voltage	ESR (mΩ)
T495C107M006ATE150	100	6	150
T495D227M010ATE100	220	10	100
T495V686M016ATE300	68	16	300
T495D107M016ATE100	100	16	100
T495X476M202ATE100	47	20	100
T495D226M025ATE200	22	25	200
T495X336M035ATE175	33	35	175
T495X475M050ATE300	4.7	50	300
T510X687M004ATE030	680	4	30
T510E687M006ATE023	680	6	23



MOUSER STOCK NO.	KEMET Part No.	Quantity Per Value	Price Each
80-TANENKIT12	TAN ENG KIT 12	10 pieces of each 10 values	51.00

KEMET Tantalum Caps, SMD