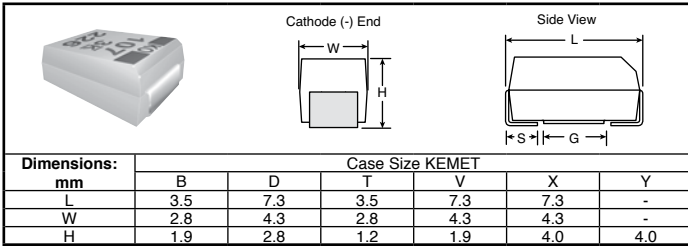


KEMET Tantalum Polymer Surface Mount Capacitors

The Capacitance Company
KEMET
CHARGED™



Dimensions:		Case Size KEMET					
mm		B	D	T	V	X	Y
L		3.5	7.3	3.5	7.3	7.3	-
W		2.8	4.3	2.8	4.3	4.3	-
H		1.9	2.8	1.2	1.9	4.0	4.0

T540 SERIES HIGH RELIABILITY ORGANIC POLYMER, KO-CAP

- Features:**
- Operating temperature range: -55°C to +125°C
 - High frequency capacitance retention
 - Safe failure mode
 - Surge current testing options
 - Self-healing mechanism
 - Volumetrically efficient
 - Low ESR
 - Tolerance: 20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		Reel Qty.	Price Per Piece
					1	100		
10 Volt								
80-T540B336M10AH6710	T540B336M010AH6710	33	80	B	13.65	11.70	500	9.75
80-T540D157M10AH6710	T540D157M010AH6710	150	55	D	18.31	15.69	500	13.08
80-T540D227M10AH6710	T540D227M010AH6710	220	25	D	18.31	15.69	500	13.08
16 Volt								
80-T540D476M16AH6710	T540D476M016AH6710	47	65	D	18.31	15.69	500	13.08
35 Volt								
80-T540D156M35AH6510	T540D156M035AH6510	15	75	D	15.53	12.08	500	9.78
50 Volt								
80-T540D106M50AH6710	T540D106M050AH6710	10	100	D	22.95	17.85	500	14.45

T541 SERIES HIGH RELIABILITY ORGANIC POLYMER, KO-CAP

- Features:**
- Operating temperature range: -55°C to +125°C
 - Utilizes multiple tantalum anode technology
 - High frequency capacitance retention
 - Safe failure mode
 - 100% accelerated steady state aging
 - Surge current testing options
 - Volumetric efficiency
 - Low ESR
 - Tolerance: 20%

For quantities greater than listed, call for quote.

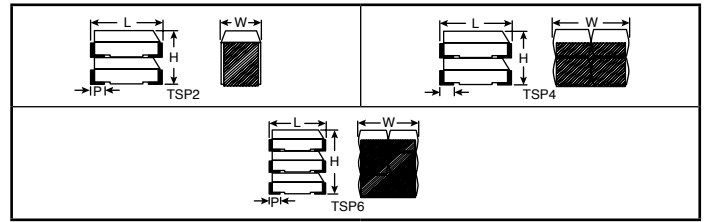
MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		Reel Qty.	Price Per Piece
					1	100		
4 Volt								
80-T541X687M4AH6710	T541X687M004AH6710	680	10	X	26.25	22.50	500	18.75
6.3 Volt								
80-T541X477M6AH6710	T541X477M006AH6710	470	10	X	26.25	22.50	500	18.75
10 Volt								
80-T541X337M10AH6710	T541X337M010AH6710	330	10	X	26.25	22.50	500	18.75
16 Volt								
80-T541X157M16AH6710	T541X157M016AH6710	150	10	X	26.25	22.50	500	18.75
80-T541X227M16AH6710	T541X227M016AH6710	220	40	X	24.30	18.90	500	15.30
80-T541X337M16AH6710	T541X337M016AH6710	330	50	X	24.30	18.90	500	15.30
35 Volt								
80-T541X476M35AH6510	T541X476M035AH6510	47	60	X	18.90	14.70	500	11.90
50 Volt								
80-T541X336M50AH6710	T541X336M050AH6710	33	70	X	25.65	19.95	500	16.15

T521 SERIES HIGH VOLTAGE ORGANIC POLYMER, KO-CAP

- Features:**
- Operating temperature range: -55°C to +105°C
 - Volumetrically efficient
 - High ripple current capability
 - Stable temperature characteristics
 - Low ESR
 - High reliability
 - Safe failure mode
 - Low profile design
 - Tolerance: 20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		Reel Qty.	Price Per Piece
					1	100		
16 Volt								
80-T521V476M16ATE80	T521V476M016ATE080	47	80	V	4.95	4.12	1000	1.99
80-T521V686M16ATE90	T521V686M016ATE090	68	50	V	4.95	4.12	1000	1.99
80-T521V686M16ATE90	T521V686M016ATE090	68	90	V	5.22	4.20	1000	1.95
80-T521D107M16ATE50	T521D107M016ATE050	100	50	D	4.95	4.12	500	3.45
80-T521V107M16ATE50	T521V107M016ATE050	100	50	V	4.95	4.12	1000	1.99
80-T521X157M16ATE80	T521X157M016ATE080	150	80	X	9.83	8.19	500	6.70
80-T521X227M16ATE35	T521X227M016ATE035	220	35	X	9.83	8.19	500	6.70
80-T521X337M16ATE25	T521X337M016ATE025	330	25	X	10.16	8.47	500	6.93
20 Volt								
80-T521V476M20ATE55	T521V476M020ATE055	47	55	V	4.95	4.12	1000	1.99
80-T521D476M20ATE55	T521D476M020ATE055	47	55	D	5.12	4.26	500	3.56
80-T521V476M20ATE90	T521V476M020ATE090	47	90	V	5.22	4.20	1000	1.95
25 Volt								
80-T521X107M25ATE60	T521X107M025ATE060	100	60	X	9.00	7.50	500	6.13
80-T521V226M25ATE60	T521V226M025ATE060	22	60	V	4.95	4.12	1000	1.99
80-T521D336M25ATE60	T521D336M025ATE060	33	60	D	5.12	4.26	500	3.56
80-T521V336M25ATE60	T521V336M025ATE060	33	60	V	4.95	4.12	1000	1.99
35 Volt								
80-T521V156M35ATE100	T521V156M035ATE100	15	100	V	4.95	4.12	1000	1.99
80-T521V156M35ATE125	T521V156M035ATE125	15	125	V	5.22	4.20	1000	1.95
80-T521D336M35ATE65	T521D336M035ATE065	33	65	D	5.33	4.44	500	3.63
80-T521X476M35ATE30	T521X476M035ATE030	47	30	X	7.75	6.25	500	3.43
80-T521X476M35ATE70	T521X476M035ATE070	47	70	X	8.16	6.80	500	5.56



Case Code	Dimensions: mm (in.)			
	L	W	H	P
2D	8±.38 (.315±.015)	4.4±.20 (.174±.008)	6.2±.38 (.245±.015)	1.9±.38 (.075±.015)
4D	8±.38 (.315±.015)	8.9±.20 (.350±.008)	6.2±.38 (.245±.015)	1.9±.38 (.075±.015)
6D	8±.38 (.315±.015)	8.9±.20 (.350±.008)	9.2±.38 (.365±.015)	1.9±.38 (.075±.015)

TSP SERIES STACK POLYMER SMD CAPACITORS

- Features:**
- Operating temperature range: -55°C to +125°C
 - High volumetric efficiency
 - High capacitance
 - Custom capacitance up to Milli Farad range
 - Ultra low ESR (Single digit milliohms)
 - Surge capability
 - Surface mountable
 - Discrete components EIA Standard
 - Case sizes
 - High temperature lead attach material (>260°C)
 - Tolerance: 20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		
					1	50	100
10 Volt							
80-TSP2D447M010AH6510D540	TSP2D447M010AH6510D540	440	12.5	2D	43.83	36.53	32.87
80-TSP4D887M010AH6510D541	TSP4D887M010AH6510D541	880	6.25	4D	103.20	86.00	77.40
80-TSP6D138M010AH6510D540	TSP6D138M010AH6510D540	1320	4.2	6D	112.89	94.08	84.67
16 Volt							
80-TSP4D197M016AH6510D540	TSP4D197M016AH6510D540	188	16.25	4D	75.96	63.30	56.97

T522 SERIES REDUCED LEAKAGE ORGANIC POLYMER, KO-CAP

- Features:**
- Operating temperature range: -55°C to +105°C
 - High frequency capacitance retention
 - Non-ignition failure mode
 - Volumetric efficiency
 - Self-healing mechanism
 - 100% accelerated steady state aging
 - 100% surge current tested
 - Low profile designs
 - Tolerance: 20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		Reel Qty.	Price Per Piece
					1	100		
6.3 Volt								
80-T522V157M6ATE25	T522V157M006ATE025	150	25	V	4.00	3.25	1000	2.50
80-T522V227M6ATE25	T522V227M006ATE025	220	25	V	4.80	3.90	1000	3.00
80-T522V337M6ATE40	T522V337M006ATE040	330	40	V	4.60	3.70	1000	2.88
80-T522Y477M6ATE35	T522Y477M006ATE035	470	35	Y	4.80	3.90	500	3.60

T525 SERIES 125°C LOW ESR ORGANIC POLYMER, KO-CAP

- Features:**
- Operating temperature range: -55°C to +125°C
 - High frequency capacitance retention
 - Non-ignition failure mode
 - Volumetrically efficient
 - Self-healing mechanism
 - Halogen free epoxy
 - Tolerance: 20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (µF)	ESR (mΩ)	Case Code	Price Each		Reel Qty.	Price Per Piece
					1	100		
2.5 Volt								
80-T525T107M2R5ATE80	T525T107M2R5ATE080	100	80	T	1.65	1.16	2500	.83
80-T525D337M2R5ATE25	T525D337M2R5ATE025	330	25	D	2.90	2.42	500	1.59
80-T525D477M2R5ATE25	T525D477M2R5ATE025	470	25	D	3.98	2.98	500	1.59
3 Volt								
80-T525B107M3ATE80	T525B107M003ATE080	100	80	B	1.30	.86	2000	.52
80-T525B157M003	T525B157M003ATE080	150	80	B	1.30	.86	2000	.52
80-T525D337M3ATE25	T525D337M003ATE025	330	25	D	3.98	2.98	500	1.59
80-T525D687M003	T525D687M003ATE025	680	25	D	3.98	2.98	500	1.59
4 Volt								
80-T525T686M4ATE80	T525T686M004ATE080	68	80	T	1.65	1.16	2500	.83
80-T525B686M4ATE80	T525B686M004ATE080	68	80	B	1.30	.86	2000	.52
80-T525D227M4ATE25	T525D227M004ATE025	220	25	D	3.98	2.98	500	1.59
80-T525D337M4ATE25	T525D337M004ATE025	330	25	D	3.98	2.98	500	1.59
80-T525D477M4ATE25	T525D477M004ATE025	470	25	D	3.76	3.03	500	1.51
80-T525D477M004	T525D477M004ATE040	470	40	D	3.98	2.98	500	1.59
6.3 Volt								
80-T525B336M6ATE80	T525B336M006ATE080	33	80	B	1.04	.68	2000	.42
80-T525T476M6ATE80	T525T476M006ATE080	47	80	T	2.47	1.02	2500	.70
80-T525B476M6ATE80	T525B476M006ATE080	47	80	B	1.30	.92	2000	.52
80-T525B686M006	T525B686M006ATE080	68	80	B	1.30	.754	2000	.364
80-T525D227M6ATE25	T525D227M006ATE025	220	25	D	3.76	2.71	500	1.51
80-T525D337M6ATE25	T525D337M006ATE025	330	25	D	3.56	2.42	500	1.51
10 Volt								
80-T525B226M10ATE80	T525B226M010ATE080	22	80	B	1.30	.92	2000	.479
80-T525D107M10ATE25	T525D107M010ATE025	100	25	D	3.76	2.71	500	1.51
80-T525D107M010	T525D107M010ATE055	100	55	D	3.98	2.78	500	1.59
80-T525D157M10ATE25	T525D157M010ATE025	150	25	D	3.76	2.71	500	1.51
80-T525D157M010	T525D157M010ATE055	150	55	D	3.98	2.98	500	1.59
80-T525D227M10ATE25	T525D227M010ATE025	220	25	D	3.76	2.71	500	1.51
16 Volt								
80-T525D476M16ATE35	T525D476M016ATE035	47	35	D	3.56	2.42	500	1.51
80-T525D476M016	T525D476M016ATE065	47	65	D	3.98	2.78	500	1.59