

AVX TPS Low ESR Tantalum Chip Capacitors



TPS SERIES III 125°C TANTALUM CHIP CAPACITORS (CONT.)

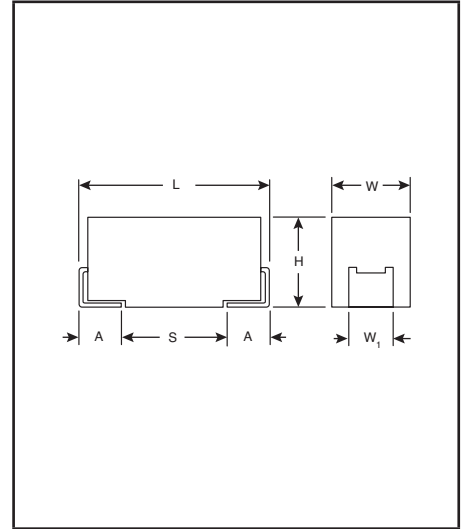


This product is RoHS compliant.



Features & Specifications:

- Low ESR levels previously only seen by other technologies
- Traditional MnO₂ technologies guarantees excellent line and field performance, humidity stability and high electrical and thermal stress resistance
- Capacitance Range: 1.0µF to 1000µF
- Capacitance Tolerance: ±10%, ±20%
- Temperature Range: -55°C to +125°C
- Voltage listed is at 85°C, Derate 33% @ 125°C



DIMENSIONS: mm (in.)							
Code	EIA Code	L	W	H	W1	A	S Min.
A	3216	3.20 (0.126)	1.60 (0.063)	1.60 (0.063)	1.20 (0.047)	0.80 (0.031)	1.10 (0.043)
B	3528	3.50 (0.138)	2.80 (0.110)	1.90 (0.075)	2.20 (0.087)	0.80 (0.031)	1.40 (0.055)
C	6032	6.00 (0.236)	3.20 (0.126)	2.60 (0.102)	2.20 (0.087)	1.30 (0.051)	2.90 (0.114)
D	7343	7.30 (0.287)	4.30 (0.169)	2.90 (0.114)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
E	7343H	7.30 (0.287)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
R	2012	2.05 (0.081)	1.30 (0.051)	1.20 (0.047) max.	1.0±0.1 (0.039±0.004)	0.50 (0.020)	0.85 (0.033)
V	7361	7.30 (0.287)	6.10 (0.240)	3.45±0.30 (0.136±0.012)	3.10 (0.120)	1.40 (0.055)	4.40 (0.173)
Y**	7343L	7.30 (0.287)	4.30 (0.169)	2.00 (0.079) max.	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)

** Low Profile Version

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Tol. (%)	Case Code	ESR Max. (mΩ) @ 100 kHz	Price Each		Reel Qty.	Price Per Piece
					1	100		
16 VDC (Cont.)								
581—TPSY686K016R0200	68	10	Y	200	6.25	4.75	1000	2.35
581—TPSC686K016R0125	68	10	C	125	2.66	2.01	500	.96
581—TPSD686K016R0150	68	10	D	150	4.20	3.19	500	1.68
581—TPSD107K016R0125	100	10	D	125	3.28	2.40	500	1.08
581—TPSC107K016R0200	100	10	C	200	10.90	8.00	500	4.00
581—TPSD107K016R0100	100	10	D	100	4.09	3.07	500	1.59
581—TPSE107K016R0125	100	10	E	125	8.50	6.46	400	3.09
581—TPSE157K016R0100	150	10	E	100	2.50	1.90	400	.91
581—TPSD157K016R0060	150	10	D	60	6.39	5.32	500	2.70
581—TPSD157K016R0100	150	10	D	100	10.25	7.79	500	3.35
581—TPSD157K016R0125	150	10	D	125	9.90	7.53	500	3.46
581—TPSE227K016R0150	220	10	E	150	8.33	7.14	400	6.89
581—TPSV227K016R0075	220	10	V	75	14.18	10.77	400	5.16
581—TPSV227K016H0075	220	10	V	75	12.07	11.21	400	10.35
581—TPSV227K016R0150	220	10	V	150	14.90	11.33	400	6.50
581—TPSE337M016R0200	330	20	E	200	5.12	4.26	400	2.75
20 VDC								
581—TPSA105K020R3000	1	10	A	3000	.75	.57	2000	.25
581—TPSR105K020R6000	1	10	R	6000	1.13	.85	2500	.38
581—TPSA225K020R3000	2.2	10	A	3000	.65	.49	2000	.221
581—TPSA335K020R2500	3.3	10	A	2500	.75	.57	2000	.25
581—TPSA475K020R1800	4.7	10	A	1800	.68	.51	2000	.23
581—TPSB475K020R1000	4.7	10	B	1000	1.13	.85	2000	.38
581—TPSA685K020R1000	6.8	10	A	1000	.75	.57	2000	.25
581—TPSB685K020R1000	6.8	10	B	1000	1.13	.85	2000	.38
581—TPSC685K020R0700	6.8	10	C	700	1.50	.95	500	.68
581—TPSC106K020R0500	10	10	C	500	2.09	1.57	500	.814
581—TPSC156K020R0400	15	10	C	400	2.00	1.52	500	1.26
581—TPSC226M020R0150	22	20	C	150	2.50	1.90	500	.91
581—TPSC226M020R0400	22	20	C	400	1.50	.95	500	.68
581—TPSD226M020R0200	22	20	D	200	3.75	2.85	500	1.22
581—TPSC226K020R0100	22	10	C	100	1.68	1.27	500	1.19
581—TPSC226K020R0150	22	10	C	150	2.60	1.97	500	.88
581—TPSB226K020R0400	22	10	B	400	1.13	.85	2000	.38
581—TPSC226K020R0400	22	10	C	400	2.00	1.52	500	.72
581—TPSD226K020R0300	22	10	D	300	4.46	3.78	500	1.34
581—TPSC336K020R0300	33	10	C	300	2.05	1.55	500	1.22
581—TPSD336K020R0100	33	10	D	100	4.20	3.19	500	1.52
581—TPSD476K020R0100	47	10	D	100	3.75	2.77	500	2.20
581—TPSE476K020R0150	47	10	E	150	3.92	3.15	400	1.74
581—TPSD476K020R0075	47	10	D	75	3.55	2.62	500	2.08
581—TPSE476K020R0125	47	10	E	125	15.00	11.25	400	6.81
581—TPSE686K020R0150	68	10	E	150	5.94	4.95	400	.90
581—TPSD686K020R0150	68	10	D	150	4.40	3.35	500	1.76
581—TPSD686K020R0300	68	10	D	300	3.65	2.77	500	1.32
581—TPSE686K020R0125	68	10	E	125	8.35	7.16	400	6.91
581—TPSD686K020R0200	68	10	D	200	2.73	2.54	500	2.34
581—TPSE107K020H0150	100	10	E	150	13.94	11.81	400	11.15
581—TPSV107M020Y0060	100	20	V	60	10.23	8.91	400	8.25
581—TPSD107K020R0100	100	10	D	100	3.95	2.96	500	1.53
581—TPSD107M020R0100	100	20	D	100	3.90	2.92	500	1.51
581—TPSE107K020R0100	100	10	E	100	12.95	9.84	400	4.71
581—TPSV107K020R0060	100	10	V	60	17.00	12.92	400	5.56
581—TPSV157K020H0080	150	10	V	80	14.75	12.49	400	11.80
581—TPSV157K020R0080	150	10	V	80	14.27	10.84	400	5.19
25 VDC								
581—TPSA684K025R6000	0.68	10	A	6000	.75	.57	2000	.25
581—TPSA155K025R3000	1.5	10	A	3000	.75	.57	2000	.25
581—TPSB335K025R2000	3.3	10	B	2000	1.13	.85	2000	.38
581—TPSA335K025R1000	3.3	10	A	1000	.75	.57	2000	.25

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					1	100		
25 VDC (Cont.)								
581—TPSB475K025R0700	4.7	10	B	700	1.13	.85	2000	.38
581—TPSB475K025R1500	4.7	10	B	1500	1.15	.87	2000	.39
581—TPSC685K025R0700	6.8	10	C	700	1.43	1.11	500	.93
581—TPSC685K025R0500	6.8	10	C	500	3.20	2.43	500	1.04
581—TPSC685K025R0600	6.8	10	C	600	1.60	1.21	500	.96
581—TPSC106K025R0500	10	10	C	500	1.01	.74	500	.38
581—TPSB106M025R1800	10	20	B	1800	2.66	2.18	2000	.96
581—TPSC156K025R0300	15	10	C	300	2.00	1.52	500	.72
581—TPSD226K025R0200	22	10	D	200	3.90	2.96	500	1.42
581—TPSC226K025R0400	22	10	C	400	2.00	1.52	500	1.26
581—TPSC226K025R0275	22	10	C	275	2.16	1.64	500	.78
581—TPSE336K025R0200	33	10	E	200	6.80	5.16	400	2.47
581—TPSE336K025R0100	33	10	E	100	7.35	6.30	400	5.25
581—TPSE336K025R0300	33	10	E	300	6.75	5.13	400	3.65
581—TPSE476K025R0125	47	10	E	125	15.80	11.85	400	7.18
581—TPSD476K025R0150	47	10	D	150	3.23	2.39	500	1.90
581—TPSD476K025R0125	47	10	D	125	6.95	5.14	500	4.08
581—TPSE476K025R0080	47	10	E	80	16.66	12.50	400	7.57
581—TPSV686K025R0150	68	10	V	150	9.45	6.30	400	5.67
581—TPSV686K025R0095	68	10	V	95	7.00	5.32	400	2.54
581—TPSE686K025R0200	68	10	E	200	7.08	6.07	400	5.86
581—TPSV686K025R0080	68	10	V	80	11.87	10.16	400	9.03
581—TPSV107K025R0100	100	10	V	100	7.75	5.89	400	2.82
35 VDC								
581—TPSB155K035R2500	1.5	10	B	2500	1.13	.85	2000	.38
581—TPSA225K035R1500	2.2	10	A	1500	.75	.57	2000	.25
581—TPSB225K035R2000	2.2	10	B	2000	1.13	.85	2000	.38
581—TPSC335K035R0700	3.3	10	C	700	1.95	1.48	500	.71
581—TPSB475K035R0700	4.7	10	B	700	1.13	.85	2000	.38
581—TPSB475K035R1500	4.7	10	B	1500	1.13	.85	2000	.38
581—TPSD475K035R0700	4.7	10	D	700	6.15	4.67	500	2.23
581—TPSD685K035R0400	6.8	10	D	400	4.05	3.07	500	1.47
581—TPSC156K035R0450	15	10	C	450	2.00	1.52	500	.72
581—TPSC156K035R0350	15	10	C	350	1.98	1.50	500	.72
581—TPSD156K035R0300	15	10	D	300	2.46	1.80	500	.96
581—TPSD226K035R0125	22	10	D	125	1.50	1.14	500	1.00
581—TPSE226K035R0300	22	10	E	300	2.90	2.49	400	2.40
581—TPSD226M035R0200	22	20	D	200	3.75	2.85	500	1.22
581—TPSD226K035R0200	22	10	D	200	3.75	2.85	500	1.22
581—TPSE226K035R0125	22	10	E	125	10.41	8.92	400	8.62
581—TPSD226M035R0300	22	20	D	300	9.25	7.03	500	3.36
581—TPSD226K035R0400	22	10	D	400	3.61	2.73	500	2.10