

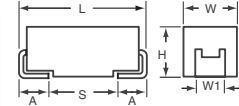


# TPM Series Multianode Ultra Low ESR Surface Mount Tantalum Capacitors

Low ESR, high capacitance and high ripple current are the key parameters for processor filtering. Multianode configuration within a standard E case package meets these requirements • Temperature Range: -55°C - 125°C



Case Size	EIA Code	Dimensions - mm					
		L ±0.20	W +0.20, -0.10	H +0.20, -0.10	W1 ±0.20	A +0.30, -0.20	S (Min.)
D	7343-31	7.30	4.30	2.90	2.40	1.30	4.40
E	7343-43	7.30	4.30	4.10	2.40	1.30	4.40
Y	7343-20	7.30	4.30	2.00	2.40	1.30	4.40
V	7361-38	7.30	6.10	3.45	3.10	1.40	4.40



F

Rated Voltage (V)	Capacitance (µF)	Capacitance Tolerance %	Case Size	DF % Maximum	DCL (µA) Maximum	ESR Maximum (mΩ)@100kHz	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		AVX Part No.
								1	10	100		Qty.	Pricing	
2.5	1,500	10	E	6	38	12	478-3292-1-ND†	16.83	14.65	12.80	478-3292-2-ND	400	2328.26	TPME158K002R0012
	1,500	10	E	6	38	15	478-3293-1-ND	16.83	14.65	12.80	478-3293-2-ND	400	2328.26	TPME158K002R0015
	1,500	10	E	6	38	18	478-3622-1-ND	15.99	13.92	12.16	478-3622-2-ND	400	2328.26	TPME158K002R0018
	1,500	20	E	6	38	18	478-3623-1-ND	15.99	13.92	12.16	478-3623-2-ND	400	2328.26	TPME158M002R0018
	2,200	10	E	10	44	18	478-4318-1-ND	16.83	14.65	12.80	478-4318-2-ND	400	2450.80	TPME228K002R0018
4	470	10	D	8	18.8	25	478-4641-1-ND	9.26	6.95	4.94	478-4641-2-ND	500	2042.33	TPMD477K004R0025
	680	10	E	6	27	18	478-3294-1-ND†	16.83	14.65	12.80	478-3294-2-ND	400	2328.26	TPME687K004R0018
	680	10	E	6	27	23	478-1815-1-ND	13.75	11.96	10.45	478-1815-2-ND	400	2001.48	TPME687K004R0023
	680	20	E	6	27	23	478-1816-1-ND	12.62	10.99	9.60	478-1816-2-ND	400	1838.10	TPME687M004R0023
	1,000	10	D	8	40	25	478-4951-1-ND	9.26	6.95	4.94	478-4951-2-ND	500	2160.16	TPMD108K004R0025
	1,000	10	D	8	40	45	478-4952-1-ND	9.26	6.95	4.94	478-4952-2-ND	500	2160.16	TPMD108K004R0045
	1,000	10	E	6	40	18	478-1819-1-ND†	14.03	12.21	10.67	478-1819-2-ND	400	2042.33	TPME108K004R0018
	1,000	20	E	6	40	23	478-3624-1-ND	16.42	14.28	12.48	478-3624-2-ND	400	2389.75	TPME108M004R0023
	1,000	20	E	6	40	18	478-1820-1-ND	13.19	11.48	10.03	478-1820-2-ND	400	1919.79	TPME108M004R0018
	1,500	10	E	6	40	15	478-3625-1-ND	15.99	13.92	12.16	478-3625-2-ND	400	2328.26	TPME158K004R0015
6.3	1,500	20	E	6	40	15	478-3626-1-ND	15.99	13.92	12.16	478-3626-2-ND	400	2328.26	TPME158M004R0015
	220	20	Y	6	13	30	478-5256-1-ND	16.66	14.50	12.67	478-5256-2-ND	1,000	6065.27	TPMY227M006R0030
	470	10	E	6	28	23	478-3296-1-ND†	16.83	14.65	12.80	478-3296-2-ND	400	2328.26	TPME477K006R0023
	470	10	E	6	28	30	478-1812-1-ND	11.22	9.77	8.53	478-1812-2-ND	400	1633.86	TPME477K006R0030
	470	10	D	6	28	30	478-4632-1-ND	9.26	6.95	4.94	478-4632-2-ND	500	2042.33	TPMD477K006R0030
	470	20	E	6	28	30	478-1813-1-ND	10.94	9.52	8.32	478-1813-2-ND	400	1593.02	TPME477M006R0030
	680	10	E	6	41	18	478-3297-1-ND†	16.83	14.65	12.80	478-3297-2-ND	400	2328.26	TPME687K006R0018
	680	10	E	6	41	23	478-1817-1-ND	13.75	11.96	10.45	478-1817-2-ND	400	2001.48	TPME687K006R0023
	680	20	E	6	41	23	478-1818-1-ND	12.62	10.99	9.60	478-1818-2-ND	400	1838.10	TPME687M006R0023
	1,000	20	V	8	63	20	478-5753-1-ND <b>NEW!</b>	17.39	15.14	13.22	478-5753-2-ND <b>NEW!</b>	400	2532.49	TPMV108M006R0020
10	100	20	Y	8	10	45	478-5254-1-ND	16.66	14.50	12.67	478-5254-2-ND	1,000	6065.27	TPMY107M010R0045
	150	20	Y	8	15	45	478-5255-1-ND	16.66	14.50	12.67	478-5255-2-ND	1,000	6065.27	TPMY157M010R0045
	220	10	D	8	22	35	478-4636-1-ND	9.26	6.95	4.94	478-4636-2-ND	500	2042.33	TPMD227K010R0035
	330	10	D	8	33	35	478-4633-1-ND	9.26	6.95	4.94	478-4633-2-ND	500	2042.33	TPMD337K010R0035
	330	10	E	6	33	23	478-3628-1-ND	15.99	13.92	12.16	478-3628-2-ND	400	2328.26	TPME337K010R0023
	330	10	E	6	33	35	478-1810-1-ND†	11.22	9.77	8.53	478-1810-2-ND	400	1633.86	TPME337K010R0035
	330	20	E	6	33	23	478-3629-1-ND	15.99	13.92	12.16	478-3629-2-ND	400	2328.26	TPME337M010R0023
	330	20	E	6	33	35	478-1811-1-ND	10.94	9.52	8.32	478-1811-2-ND	400	1593.02	TPME337M010R0035
	470	10	E	6	47	23	478-3299-1-ND†	16.83	14.65	12.80	478-3299-2-ND	400	2328.26	TPME477K010R0023
	470	10	E	6	47	30	478-3300-1-ND	16.83	14.65	12.80	478-3300-2-ND	400	2328.26	TPME477K010R0030
16	470	20	E	6	47	23	478-3630-1-ND	15.99	13.92	12.16	478-3630-2-ND	400	2328.26	TPME447M010R0023
	470	20	E	6	47	30	478-1814-1-ND	10.94	9.52	8.32	478-1814-2-ND	400	1593.02	TPME447M010R0030
	150	10	E	6	24	30	478-3631-1-ND	15.99	13.92	12.16	478-3631-2-ND	400	2328.26	TPME157K016R0030
	150	20	E	6	24	30	478-3632-1-ND	15.99	13.92	12.16	478-3632-2-ND	400	2328.26	TPME157M016R0030
	150	20	E	6	24	40	478-3633-1-ND	15.99	13.92	12.16	478-3633-2-ND	400	2328.26	TPME157M016R0040
	220	10	E	6	35	25	478-3302-1-ND†	16.83	14.65	12.80	478-3302-2-ND	400	2328.26	TPME227K016R0025
	220	20	E	6	35	25	478-3634-1-ND	15.99	13.92	12.16	478-3634-2-ND	400	2328.26	TPME227M016R0025
	220	20	E	6	35	40	478-3635-1-ND	15.99	13.92	12.16	478-3635-2-ND	400	2328.26	TPME227M016R0040
	220	10	E	6	35	40	478-3303-1-ND	16.83	14.65	12.80	478-3303-2-ND	400	2328.26	TPME227K016R0040
	20	100	10	E	6	20	35	478-3442-1-ND†	16.83	14.65	12.80	478-3442-2-ND	400	2450.80
100		10	E	6	20	45	478-3637-1-ND	15.99	13.92	12.16	478-3637-2-ND	400	2328.26	TPME107K020R0045
100		20	E	6	20	35	478-3636-1-ND	15.99	13.92	12.16	478-3636-2-ND	400	2328.26	TPME107M020R0035
100		20	E	6	20	45	478-3638-1-ND	15.99	13.92	12.16	478-3638-2-ND	400	2328.26	TPME107M020R0045
150		10	E	10	30	35	478-5253-1-ND	16.83	14.65	12.80	478-5253-2-ND	400	2450.80	TPME157K020R0035
25		47	10	D	8	11.8	55	478-5985-1-ND <b>NEW!</b>	9.26	6.95	4.94	478-5985-2-ND <b>NEW!</b>	500	2160.16
	68	10	E	6	17	45	478-3639-1-ND	15.99	13.92	12.16	478-3639-2-ND	400	2328.26	TPME686K025R0045
	68	10	E	6	17	55	478-3304-1-ND†	16.83	14.65	12.80	478-3304-2-ND	400	2328.26	TPME686K025R0055
	68	20	E	6	17	45	478-3640-1-ND	15.99	13.92	12.16	478-3640-2-ND	400	2328.26	TPME686M025R0045
35	22	10	D	8	7.7	70	478-6101-1-ND <b>NEW!</b>	10.94	8.21	5.84	478-6101-2-ND <b>NEW!</b>	500	2552.91	TPMD226K035R0070
	22	10	E	6	8	60	478-3305-1-ND†	19.64	17.09	14.93	478-3305-2-ND	400	2716.52	TPME226K035R0060
	22	10	E	6	8	100	478-3306-1-ND	19.64	17.09	14.93	478-3306-2-ND	400	2716.52	TPME226K035R0100
	33	10	E	6	12	50	478-3641-1-ND	19.64	17.09	14.93	478-3641-2-ND	400	2859.26	TPME336K035R0050
	33	10	E	6	12	65	478-3307-1-ND†	19.64	17.09	14.93	478-3307-2-ND	400	2716.52	TPME336K035R0065
	33	20	E	6	12	50	478-3642-1-ND	19.64	17.09	14.93	478-3642-2-ND	400	2859.26	TPME336M035R0050
	47	10	E	6	16	55	478-3643-1-ND	19.64	17.09	14.93	478-3643-2-ND	400	2859.26	TPME476K035R0055
	47	10	E	6	16	65	478-3308-1-ND†	19.64	17.09	14.93	478-3308-2-ND	400	2716.52	TPME476K035R0065
50	47	20	E	6	16	65	478-3644-1-ND	19.64	17.09	14.93	478-3644-2-ND	400	2859.26	TPME476M035R0065
	10	10	E	6	5	120	478-3309-1-ND†	22.44	19.53	17.06	478-3309-2-ND	400	3104.34	TPME106K050R0120
	10	20	D	8	5	140	478-6102-1-ND <b>NEW!</b>	12.62	9.47	6.74	478-6102-2-ND <b>NEW!</b>	500	2945.67	TPMD106M050R0140

† 478-3448-ND TPM Series Capacitors Kit 5 each of values denoted (85 total pieces). See Digi-Key's website for complete list of parts. \$51.90

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