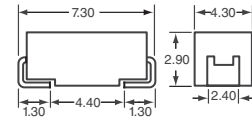


AVX TAW Series – Fused Tantalum Capacitors

The TAW fused tantalum capacitors offer protection from possible damaging short circuit failure modes. This is accomplished with an internal fuse using thin film technology that is in series with the capacitor. The AVX fused tantalum offers lower ESR limits than competitive fused tantalum capacitors.

Specifications:

- Operating Temperature Range: -55°C – 125°C • Fuse Continuous Current Capability: 0.75A



Rated Voltage (V)	Capacitance (µF)	Cap. Tol. %	Case Size	DF % Max.	DCL (µA) Max.	ESR Max. (mΩ) @100kHz	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 500		AVX Part No.
								1	10	100		Qty.	Pricing	
10	47	20	D	6	4.7	500	478-4744-1-ND	2.18	1.90	1.66	478-4744-2-ND	397.44	TAWD476M010R0500	
	100	10	D	8	10	500	478-4747-1-ND	2.39	2.08	1.82	478-4747-2-ND	435.20	TAWD107K010R0500	
	100	20	D	8	10	500	478-4748-1-ND	2.18	1.90	1.66	478-4748-2-ND	397.44	TAWD107M010R0500	
25	10	10	D	6	2.5	600	478-4749-1-ND	2.56	2.24	1.95	478-4749-2-ND	466.74	TAWD106K025R0600	
	10	20	D	6	2.5	600	478-4750-1-ND	2.32	2.02	1.77	478-4750-2-ND	422.38	TAWD106M025R0600	
50	6.8	10	D	6	3.4	700	478-4751-1-ND	3.88	3.38	2.95	478-4751-2-ND	706.17	TAWD685K050R0700	
	6.8	20	D	6	3.4	700	478-4752-1-ND	3.53	3.08	2.69	478-4752-2-ND	643.10	TAWD685M050R0700	

TLC and TLJ Series – Tantalum Solid Electrolytic Capacitors

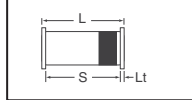
The consumer TLJ and TLC Series of tantalum capacitors offer a high capacitance vs. voltage ratio based on stable MnO₂ electrode capacitors. They are suitable for a wide range of consumer electronic applications such as the latest portable handheld electronics, cellular phones, PDAs or other digital equipment and cameras • Temperature Range: -55°C – 125°C • Capacitance Tolerance: ±20%



TLC SERIES:

Case Size	EIA Code	Dimensions - mm				
		L	W	H	S (Min.)	Lt. (Min.)
K	0402	1.00	0.50	0.50	0.40	0.10
L	0603	1.60	0.85	0.85	0.55	0.15
R	0805	2.00	1.35	1.35	0.70	0.15
U	0805	2.00	1.35	0.60 Max.	0.70	0.15

Fig. 1 – TLC Series



TLJ SERIES:

Case Size	EIA Code	Dimensions - mm					
		L	W	H	W1	S (Min.)	A
A	3216-18	3.20	1.60	1.60	1.20	1.10	0.80
B	3528-21	3.50	2.80	1.90	2.20	1.40	0.80
F	6032-20	6.00	3.20	2.00	2.20	2.90	1.30
G	3216-16	3.20	1.60	1.50 Max.	1.20	1.10	0.80
H	3528-15	3.50	2.80	1.50 Max.	2.20	1.10	0.80
K	3216-10	3.20	1.60	1.00	1.20	1.10	0.80
N	2013-10	2.05	1.30	1.00	1.00	0.85	0.50
P	2012-15	2.05	1.35	1.50 Max.	1.00	0.85	0.50
R	2012-12	2.05	1.30	1.20 Max.	1.00	0.85	0.50
T	3528-12	3.50	2.80	1.20 Max.	2.20	1.40	0.80
W	6032-15	6.00	3.20	1.50 Max.	2.20	2.90	1.30
Y	7343-20	7.30	4.30	2.00 Max.	2.40	4.40	1.30

Fig. 2 – TLJ Series

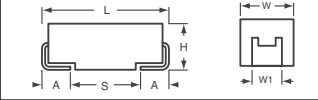


Fig.	Rated Voltage (V)	Capacitance (µF)	Case Size	DCL (µA) Maximum	ESR Maximum (mΩ) @100kHz	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		AVX Part No.	
							1	10	100		Qty.	Pricing		
1	4	4.7	K	5	15,000	478-3340-1-ND	4.61	4.01	3.51	478-3340-2-ND	1,000	1593.90	TLCK475M004QTA	
	4	6.8	K	0.5	15,000	478-5264-1-ND	4.61	4.01	3.51	478-5264-2-ND	10,000	1382.54/M	TLCK685M004PTA	
	4	10	K	0.5	15,000	478-5245-1-ND	4.61	4.01	3.51	478-5245-2-ND	1,000	1677.75	TLCK106M004QTA	
	4	47	L	1.9	7,500	478-4705-1-ND	3.81	3.32	2.90	478-4705-2-ND	3,500	1387.39/M	TLCL476M004RTA	
	4	100	R	4.0	5,000	478-3341-1-ND	2.65	2.31	2.02	478-3341-2-ND	500	458.42	TLCL107M004XTA	
	6.3	10	K	0.6	15,000	478-5343-1-ND	4.61	4.01	3.51	478-5343-2-ND	1,000	1566.87	TLCK106M006QTA	
	6.3	22	L	1.4	7,500	478-3343-1-ND	2.03	1.77	1.55	478-3343-2-ND	500	369.02	TLCL226M006XTA	
	6.3	33	L	2.1	7,500	478-4877-1-ND	2.03	1.77	1.55	478-4877-2-ND	3,500	689.54/M	TLCL336M006RTA	
	6.3	100	R	6	5,000	478-5263-1-ND	2.66	2.32	2.03	478-5263-2-ND	2,500	905.06/M	TLCL107M006RTA	
	10	10	U	1.0	5,000	478-4876-1-ND	2.65	2.31	2.02	478-4876-2-ND	3,500	901.60/M	TLCL106M010RTA	
	10	47	R	4.7	5,000	478-3347-1-ND	2.65	2.31	2.02	478-3347-2-ND	500	458.42	TLCR476M010XTA	
	16	3.3	L	0.5	7,500	478-4949-1-ND	2.03	1.77	1.55	478-4949-2-ND	3,500	689.54/M	TLCL335M016RTA	
	35	1	R	0.5	5,000	478-5265-1-ND	2.66	2.32	2.03	478-5265-2-ND	2,500	905.06/M	TLCL105M035RTA	
	2	4	47	N	1.9	4,000	478-5627-1-ND	2.08	1.81	1.58	478-5627-2-ND	3,000	756.76/M	TLJN476M004R4000
		4	47	R	1.9	3,000	478-3441-1-ND	2.08	1.81	1.58	478-3441-2-ND	2,500	706.86/M	TLJR476M004R3000
		4	68	N	5.4	8,000	478-5630-1-ND	2.08	1.81	1.58	478-5630-2-ND	3,000	756.76/M	TLJN686M004R8000
4		68	R	2.7	2,900	478-4924-1-ND	2.08	1.81	1.58	478-4924-2-ND	2,500	706.86/M	TLJR686M004R2900	
4		100	A	4.0	500	478-3342-1-ND	1.46	1.27	1.11	478-3342-2-ND	2,000	469.86/M	TLJA107M004R0500	
4		100	N	8.0	5,200	478-5631-1-ND	2.08	1.81	1.58	478-5631-2-ND	3,000	756.76/M	TLJN107M004R5200	
4		100	P	8.0	2,700	478-4923-1-ND	2.08	1.81	1.58	478-4923-2-ND	2,500	706.86/M	TLJP107M004R2700	
4		220	A	17.6	1,100	478-4922-1-ND	2.15	1.87	1.64	478-4922-2-ND	2,000	730.42/M	TLJA227M004R1100	
4		220	G	17.6	3,000	478-5987-1-ND	1.91	1.66	1.45	478-5987-2-ND	2,500	686.08/M	TLJG227M004R3000	
4		220	T	8.8	1,100	478-4319-1-ND	1.91	1.66	1.45	478-4319-2-ND	2,500	647.96/M	TLJT227M004R1100	
6.3		330	T	26.4	2,700	478-5988-1-ND	2.25	1.96	1.72	478-5988-2-ND	2,500	810.82/M	TLJT337M004R2700	
6.3		33	N	1.3	5,400	478-4769-1-ND	2.08	1.81	1.58	478-4769-2-ND	3,000	756.76/M	TLJN336M006R5400	
6.3		33	K	2.0	8,000	478-4767-1-ND	2.08	1.81	1.58	478-4767-2-ND	3,000	756.76/M	TLJN336M006R8000	
6.3		33	K	2.0	1,700	478-5348-1-ND	1.81	1.57	1.38	478-5348-2-ND	3,000	614.00/M	TLJK336M006R1700	
6.3		33	R	2.0	3,000	478-3344-1-ND	2.08	1.81	1.58	478-3344-2-ND	2,500	671.52/M	TLJR336M006R3000	
6.3		47	K	2.8	1,500	478-5349-1-ND	1.81	1.57	1.38	478-5349-2-ND	3,000	614.00/M	TLJK476M006R1500	
6.3		47	N	5.6	8,300	478-5629-1-ND	2.08	1.81	1.58	478-5629-2-ND	3,000	756.76/M	TLJN476M006R8300	
6.3		47	P	2.8	900	478-5407-1-ND	2.08	1.81	1.58	478-5407-2-ND	2,500	706.86/M	TLJP476M006R0900	
6.3		47	R	2.8	3,200	478-4696-1-ND	2.08	1.81	1.58	478-4696-2-ND	2,500	706.86/M	TLJR476M006R3200	
6.3		100	A	6.0	500	478-3345-1-ND	1.15	1.87	1.64	478-3345-2-ND	2,000	693.70/M	TLJA107M006R0500	
6.3		100	G	6.0	800	478-4948-1-ND	1.91	1.66	1.45	478-4948-2-ND	2,000	647.96/M	TLJG107M006R0800	
6.3		100	P	12	5,400	478-5260-1-ND	2.08	1.81	1.58	478-5260-2-ND	2,500	706.86/M	TLJP107M006R5400	
6.3		150	H	9.0	900	478-5347-1-ND	1.41	1.23	1.07	478-5347-2-ND	2,500	478.18/M	TLJH157M006R0900	
6.3		330	F	19.8	300	478-5689-1-ND	3.19	2.78	2.43	478-5689-2-ND	1,000	1160.08	TLJF337M006R0300	
6.3		220	T	26.4	2,000	478-5989-1-ND	2.25	1.96	1.72	478-5989-2-ND	2,500	810.82/M	TLJT227M006R2000	
6.3		680	Y	40.8	150	478-5530-1-ND	2.90	2.53	2.21	478-5530-2-ND	1,000	1056.83	TLJY687M006R0150	
10		10	R	1.0	2,000	478-6136-1-ND	2.08	1.81	1.58	478-6136-2-ND	2,500	706.86/M	TLJR106M010R2000	
10		10	L	1.0	3,000	478-3346-1-ND	1.91	1.66	1.45	478-3346-2-ND	2,500	615.39/M	TLJR106M010R3000	
10		22	M	2.2	3,800	478-4694-1-ND	2.08	1.81	1.58	478-4694-2-ND	3,000	706.86/M	TLJR226M010R3800	
10		22	R	2.2	3,800	478-4695-1-ND	2.08	1.81	1.58	478-4695-2-ND	2,500	706.86/M	TLJR226M010R3800	
10		33	K	3.3	1,500	478-4770-1-ND	2.25	1.96	1.72	478-4770-2-ND	3,000	819.82/M	TLJK336M010R1500	
10		33	N	6.6	9,600	478-5628-1-ND	2.08	1.81	1.58	478-5628-2-ND	3,000	756.76/M	TLJN336M010R9600	
10		33	P	3.3	3,500	478-5350-1-ND	.84	.73	.64	478-5350-2-ND	2,500	284.14/M	TLJP336M010R3500	
10		47	R	18.8	3,200	478-5990-1-ND	2.08	1.81	1.58	478-5990-2-ND	2,500	748.44/M	TLJR476M010R3200	
10		47	T	4.7	600	478-3348-1-ND	2.25	1.96	1.72	478-3348-2-ND	2,500	727.66/M	TLJT476M010R0600	
10		68	A	6.8	1,500	478-4925-1-ND	2.11	1.84	1.61	478-4925-2-ND	2,000	718.64/M	TLJA686M010R1500	
10	100	A	10.0	1,400	478-5651-1-ND	2.15	1.87	1.64	478-5651-2-ND	2,000	730.42/M	TLJA107M010R1400		
10	150	B	15	500	478-3349-1-ND	2.25	1.96	1.72	478-3349-2-ND	2,000	727.65/M	TLJB157M010R0500		
10	150	W												