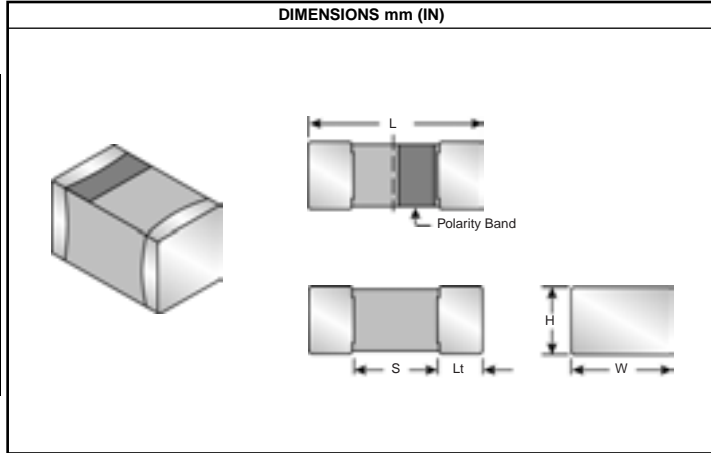


AVX Tantalum Chip Capacitors



AVX TACmicrochip™

The world's smallest surface mount Tantalum capacitor, small enough to create space providing room for ideas to grow. TACmicrochip is a major breakthrough in miniaturization without reduction in performance. It offers you the highest energy store in an 0603, or 0805 case size; enhanced high frequency operation through unique ESR performance with temperature and voltage stability.



Tantalum Caps, SMD
AVX

Code	EIA Code	EIA Metric	Length (L)	Width (W)	Height (H)	Termination Spacing (S)	Termination Length (Lt)	Quantity Per Reel
K	0402	1005-05	1.00 (0.039)	0.50 (0.020)	0.50 (0.020)	0.40 min.	0.10 (0.004)	1000
L	0603	4608-08	1.60 (0.063)	0.85 (0.033)	0.85 (0.033)	0.65 min.	0.15 (0.006)	500
R	0805	2012-12	2.00 (0.079)	1.35 (0.053)	1.35 (0.053)	0.85 min.	0.15 (0.006)	500

Style 0402

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Tol. ± (%)	Price Each				Reel Package	
Mfr.	Mfr. Part No.				1	50	100	500	1000	2000+
581	TACK475M003Q	3	4.7	20	3.70	2.96	2.59	2.37	2.22	Call for Quote
581	TACK105M006Q	6.3	1.0	20	3.70	2.96	2.59	2.37	2.22	
581	TACK225M006Q	6.3	2.2	20	3.70	2.96	2.59	2.37	2.22	
581	TACK474M010Q	10	0.47	20	3.70	2.96	2.59	2.37	2.22	

Style 0603

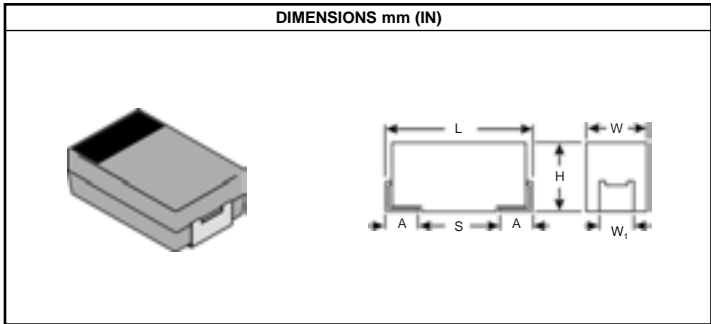
MOUSER STOCK NO.		Volt (DC)	Value (µF)	Tol. ± (%)	Price Each				Reel Package	
Mfr.	Mfr. Part No.				1	50	100	500	1000	2000+
581	TACL685K004X	4	6.8	10	1.63	1.30	1.14	1.04	.98	Call for Quote
581	TACL106M004X	4	10	20	1.63	1.30	1.14	1.04	.98	
581	TACL475K006X	6.3	4.7	10	1.63	1.30	1.14	1.04	.98	
581	TACL474K010X	10	.47	10	1.63	1.30	1.14	1.04	.98	
581	TACL684K010X	10	.68	10	1.63	1.30	1.14	1.04	.98	
581	TACL155K010X	10	1.5	10	1.63	1.30	1.14	1.04	.98	
581	TACL225K010X	10	2.2	10	1.63	1.30	1.14	1.04	.98	
581	TACL335K010X	10	3.3	10	1.63	1.30	1.14	1.04	.98	
581	TACL475M010X	10	4.7	20	1.63	1.30	1.14	1.04	.98	
581	TACL105K016X	16	1.0	10	1.63	1.30	1.14	1.04	.98	

Style 0805

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Tol. ± (%)	Price Each				Reel Package	
Mfr.	Mfr. Part No.				1	50	100	500	1000	2000+
581	TACR476K003X	3	47	10	2.13	1.70	1.49	1.36	1.28	Call for Quote
581	TACR686M003X	3	68	20	2.13	1.70	1.49	1.36	1.28	
581	TACR336K004X	4	33	10	2.13	1.70	1.49	1.36	1.28	
581	TACR226K006X	6.3	22	10	2.13	1.70	1.49	1.36	1.28	
581	TACR335K010X	10	3.3	10	2.13	1.70	1.49	1.36	1.28	
581	TACR475K010X	10	4.7	10	2.13	1.70	1.49	1.36	1.28	
581	TACR685K010X	10	6.8	10	2.13	1.70	1.49	1.36	1.28	
581	TACR106K010X	10	10	10	2.13	1.70	1.49	1.36	1.28	
581	TACR156K010X	10	15	10	2.13	1.70	1.49	1.36	1.28	

AVX TANTALUM CHIP CAPACITORS

The TAJ standard series encompasses the five key sizes recognized by major OEMs throughout the world. The V case size has been added to the TAJ range to allow high CVs to be offered. The operational temperature is -55°C to +85°C at rated voltage and up to +125°C with voltage derating in applications utilizing recommended series resistance.



Code	EIA Code	L±0.2(0.008)	W+0.2(0.008) -0.1(0.008)	H+0.2(0.008) -0.1(0.004)	Wt ± 0.2 (0.008)	A+0.3(0.012) -0.2(0.008)	S Min.
A	3216	3.2 (0.126)	1.6 (0.063)	1.6 (0.063)	1.2 (0.031)	0.8 (0.031)	1.1 (0.043)
B	3528	3.5 (0.138)	2.8 (0.110)	1.9 (0.075)	2.2 (0.087)	0.8 (0.031)	1.4 (0.055)
C	6032	6.0 (0.236)	3.2 (0.126)	2.6 (0.102)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
D	7343	7.3 (0.287)	4.3 (0.169)	2.9 (0.114)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)

Wt dimension applies to the termination width for A dimensional area only.

TAJ Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part Number	Value (µF)	Case Size	Price Each			Tape and Reel	
				1	100	200	Qty.	Price/Each
10 Volt 10% Tolerance								
581-TAJA225K010	TAJA225K010R	2.2	A	.32	.28	.26	2000	.14
581-TAJA335K010	TAJA335K010R	3.3	A	.33	.29	.27	2000	.15
581-TAJA475K010	TAJA475K010R	4.7	A	.33	.29	.27	2000	.15
581-TAJA685K010	TAJA685K010R	6.8	A	.36	.32	.29	2000	.16
581-TAJB106K010	TAJB106K010R	10	B	.44	.39	.36	2000	.19
581-TAJB156K010	TAJB156K010R	15	B	.47	.41	.38	2000	.21
581-TAJD476K010	TAJD476K010R	47	D	1.28	1.12	1.04	500	.56
581-TAJD107K010	TAJD107K010R	100	D	1.56	1.37	1.27	500	.68
16 Volt 10% Tolerance								
581-TAJA105K016	TAJA105K016R	1	A	.32	.28	.26	2000	.14
581-TAJA225K016	TAJA225K016R	2.2	A	.33	.29	.27	2000	.15
581-TAJA335K016	TAJA335K016R	3.3	A	.33	.29	.27	2000	.15
581-TAJB475K016	TAJB475K016R	4.7	B	.44	.39	.36	2000	.19
581-TAJB685K016	TAJB685K016R	6.8	B	.44	.39	.36	2000	.19
581-TAJB106K016	TAJB106K016R	10	B	.47	.41	.38	2000	.21
581-TAJC156K016	TAJC156K016R	15	C	.76	.67	.62	500	.33
581-TAJD476K016	TAJD476K016R	47	D	1.34	1.17	1.09	500	.59
20 Volt 10% Tolerance								
581-TAJA105K020	TAJA105K020R	1	A	.32	.28	.26	2000	.14
581-TAJA335K020	TAJA335K020R	3.3	A	.38	.33	.31	2000	.17
581-TAJB475K020	TAJB475K020R	4.7	B	.44	.39	.36	2000	.19
581-TAJC106K020	TAJC106K020R	10	C	.76	.67	.62	500	.33
581-TAJD226K020	TAJD226K020R	22	D	1.34	1.17	1.09	500	.59
25 Volt 10% Tolerance								
581-TAJA474K025	TAJA474K025R	0.47	A	.80	.70	.65	2000	.35
581-TAJA105K025	TAJA105K025R	1	A	.33	.29	.27	2000	.15
581-TAJB225K025	TAJB225K025R	2.2	B	.44	.39	.36	2000	.19
581-TAJC475K025	TAJC475K020R	4.7	C	.74	.65	.60	500	.32
581-TAJC106K025	TAJC106K025R	10	C	.85	.75	.69	500	.37
35 Volt 10% Tolerance								
581-TAJA104K035	TAJA104K035R	0.1	A	.80	.70	.65	2000	.35
581-TAJA474K035	TAJA474K035R	0.47	A	.80	.70	.65	2000	.35
581-TAJB105K035	TAJB105K035R	1	B	.44	.39	.36	2000	.19
581-TAJB225K035	TAJB225K035R	2.2	B	.53	.46	.43	2000	.23
581-TAJC225K035	TAJC225K035R	2.2	C	.74	.65	.60	500	.32
581-TAJD475K035	TAJD475K035R	4.7	D	1.28	1.12	1.04	500	.56
581-TAJD106K035	TAJD106K035R	10	D	1.34	1.17	1.09	500	.59
50 Volt 10% Tolerance								
581-TAJA104K050	TAJA104K050R	0.1	A	.80	.70	.65	2000	.35