

AVX Tantalum Chip Capacitors

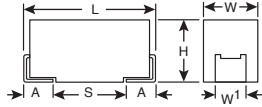
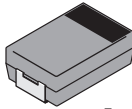
RoHS Compliant This page of product is RoHS compliant.



NIOBIUM OXIDE CAPACITORS (CONT.)

Specifications:

- Operating Temperature Range: NOJ Series: -55°C to +105°C; NOM Series: -55°C to +105°C; NLJ Series: -55°C to +105°C; NOS Series: -55°C to +125°C
- Reliability: NOJ Series: 0.5% per 1000 hours at 85°C; NOM Series: 0.2% per 1000 hours at 85°C; NLJ Series: 0.2% per 1000 hours at 85°C; NOS Series: 0.2% per 1000 hours at 85°C
- Capacitance tolerance: 20%
- Leakage current DCL: 0.02CV



OxiCap™ NOJ Series (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Value (μF)	Volt. (V)	ESR (Ω@100kHz)	Case Code	Price Each
581-NOJA475M006	NOJA475M006RWJ	4.7	6.3	3.2	A	.50 .206
581-NOJS685M006RWJ	NOJS685M006RWJ	6.8	6.3	2.7	S	1.18 .891
581-NOJA106M006	NOJA106M006RWJ	10	6.3	2.2	A	.53 .216
581-NOJB156M006	NOJB156M006RWJ	15	6.3	2	B	.91 .661
581-NOJB226M006	NOJB226M006RWJ	22	6.3	1.9	B	.67 .27
581-NOJC336M006	NOJC336M006RWJ	33	6.3	0.5	C	1.14 .617
581-NOJB336M006	NOJB336M006RWJ	33	6.3	1.7	B	.74 .366
581-NOJC476M006	NOJC476M006RWJ	47	6.3	0.5	C	1.03 .547
581-NOJC686M006	NOJC686M006RWJ	68	6.3	0.5	C	1.11 .591
581-NOJB686M006RWJ	NOJB686M006RWJ	68	6.3	1.5	B	.66 .338
581-NOJB107M006RWJ	NOJB107M006RWJ	100	6.3	0.4	B	1.31 .941
581-NOJD107M006	NOJD107M006RWJ	100	6.3	0.4	D	.98 .525
581-NOJB107M006RWJ	NOJB107M006RWJ	100	6.3	1.7	B	.89 .475
581-NOJC157M006RWJ	NOJC157M006RWJ	150	6.3	0.4	C	2.01 1.45
581-NOJD157M006	NOJD157M006RWJ	150	6.3	0.4	D	1.03 .60
581-NOJF157M006RWJ	NOJF157M006RWJ	150	6.3	0.4	F	2.14 1.68
581-NOJC227M006RWJ	NOJC227M006RWJ	220	6.3	0.4	C	1.93 1.13
581-NOJD227M006RWJ	NOJD227M006RWJ	220	6.3	0.4	D	1.25 .95
581-NOJE227M006	NOJE227M006RWJ	220	6.3	0.4	E	2.04 1.71
581-NOJD337M006RWJ	NOJD337M006RWJ	330	6.3	0.3	D	8.99 4.92
581-NOJE337M006	NOJE337M006RWJ	330	6.3	0.3	E	2.67 2.24
581-NOJE477M006RWJ	NOJE477M006RWJ	470	6.3	0.3	E	8.50 6.45
581-NOJP225M010RWJ	NOJP225M010RWJ	2.2	10	8.3	P	1.14 .866
581-NOJP335M010RWJ	NOJP335M010RWJ	3.3	10	7	P	1.14 .866
581-NOJT475M010RWJ	NOJT475M010RWJ	4.7	10	3.1	T	1.15 .88
581-NOJA475M010	NOJA475M010RWJ	4.7	10	3.1	A	.48 .197
581-NOJT106M010RWJ	NOJT106M010RWJ	10	10	2.2	T	1.08 .57
581-NOJA106M010	NOJA106M010RWJ	10	10	2.2	A	.54 .219
581-NOJB106M010	NOJB106M010RWJ	10	10	2.2	B	.63 .256
581-NOJA156M010RWJ	NOJA156M010RWJ	15	10	2	A	.78 .569
581-NOJB226M010RWJ	NOJB226M010RWJ	22	10	0.7	B	.75 .453
581-NOJC226M010	NOJC226M010RWJ	22	10	0.5	C	1.20 .874
581-NOJB226M010	NOJB226M010RWJ	22	10	1.8	B	.71 .351
581-NOJC336M010	NOJC336M010RWJ	33	10	0.5	C	.88 .473
581-NOJC476M010	NOJC476M010RWJ	47	10	0.4	C	.88 .473
581-NOJD107M010RWJ	NOJD107M010RWJ	100	10	0.15	D	1.16 .934
581-NOJD107M010RWJ	NOJD107M010RWJ	100	10	0.4	D	1.81 1.06

Code	DIMENSIONS: mm						Code	DIMENSIONS: mm					
	L	W	H	W1	A	S Min.		L	W	H	W1	A	S Min.
A	3.2	1.6	1.6	1.2	.8	1.1	S	3.2	1.6	1.2	1.2	.8	1.1
B	3.5	2.8	1.9	2.2	.8	1.4	T	3.5	2.8	1.2	2.2	.8	1.4
C	6	3.2	2.6	2.2	1.3	2.9	V	7.3	6.1	3.45±.3	3.1	1.4	4.4
D	7.3	4.3	2.9	2.4	1.3	4.4	W	6	3.2	1.5	2.2	1.3	2.9
E	7.3	4.3	4.1	2.4	1.3	4.4	X	7.3	4.3	1.5	2.4	1.3	4.4
F	6	3.2	2	2.2	1.3	2.9	Y	7.3	4.3	2	2.4	1.3	4.4
P	2.05	1.35	1.5	1.2	.5	.85							

OxiCap® NOM Low ESR Multianodes Series

MOUSER STOCK NO.	AVX Part No.	Value (μF)	Volt. (V)	ESR (Ω@100kHz)	Case Code	Price Each
581-NOME337M004R0035	NOME337M004R0035	330	4	35	E	6.83 5.64
581-NOME227M006R0040	NOME227M006R0040	220	6.3	40	E	6.83 5.64
581-NOME337M006R0023	NOME337M006R0023	330	6.3	23	E	6.83 5.64

OxiCap™ NOS Low ESR Series

MOUSER STOCK NO.	AVX Part No.	Value (μF)	Volt. (V)	ESR (Ω@100kHz)	Case Code	Price Each
581-NOSY477M001	NOSY477M001R0100	470	1.8	100	Y	6.24 4.74
581-NOSE687M002	NOSE687M002R0060	68	2.5	60	E	12.41 9.39
581-NOSD337M002R0035	NOSD337M002R0035	330	2.5	35	D	11.56 9.15
581-NOSD477M002R0035	NOSD477M002R0035	470	2.5	35	D	9.00 7.12
581-NOSV108M002	NOSV108M002R0050	1000	2.5	50	V	8.17 6.80
581-NOSD337M004R0035	NOSD337M004R0035	33	4	35	D	8.15 5.83
581-NOSW476M004	NOSW476M004R0150	47	4	150	W	1.64 1.13
581-NOSC157M004R0090	NOSC157M004R0090	150	4	90	C	2.94 2.21
581-NOSA106M006R0800	NOSA106M006R0800	10	6.3	800	A	.95 .72
581-NOSA106M006	NOSA106M006R2000	10	6.3	2000	A	.88 .433
581-NOSB226M006	NOSB226M006R0600	22	6.3	600	B	.96 .511
581-NOSW336M006	NOSW336M006R0250	33	6.3	250	W	1.97 1.12
581-NOSB336M006	NOSB336M006R0600	33	6.3	600	B	.96 .511
581-NOSC476M006R0300	NOSC476M006R0300	47	6.3	300	C	1.34 1.01
581-NOSB476M006R0500	NOSB476M006R0500	47	6.3	500	B	1.02 .538
581-NOSX686M006R0100	NOSX686M006R0100	68	6.3	100	X	6.49 4.93
581-NOSD107M006	NOSD107M006R0080	100	6.3	80	D	1.93 1.13
581-NOSC107M006R0150	NOSC107M006R0150	100	6.3	150	C	1.70 1.18
581-NOSY157M006R100	NOSY157M006R100	150	6.3	100	Y	6.49 4.93
581-NOSD227M006R0045	NOSD227M006R0045	220	6.3	45	D	4.78 3.78
581-NOSE227M006	NOSE227M006R0080	220	6.3	80	E	6.29 5.24
581-NOSD227M006	NOSD227M006R0100	220	6.3	100	D	2.72 1.88
581-NOSE337M006	NOSE337M006R0080	330	6.3	80	E	5.19 4.60
581-NOSV477M006	NOSV477M006R0075	470	6.3	75	V	7.01 6.22
581-NOSA106M008R2200	NOSA106M008R2200	10	8	2200	A	.54 .408
581-NOSB106M008R1000	NOSB106M008R1000	10	8	1000	B	.73 .548
581-NOSB156M008R1000	NOSB156M008R1000	15	8	1000	B	.74 .559
581-NOSB226M008R1800	NOSB226M008R1800	22	8	1800	B	.81 .608

OxiCap™ NLJ High CV Consumer Series

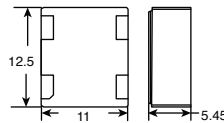
MOUSER STOCK NO.	AVX Part No.	Value (μF)	Volt. (V)	ESR (mΩ@100kHz)	Case Code	Price Each
581-NLJS226M006R1800	NLJS226M006R1800	22	6.3	1800	S	1.61 1.21
581-NLJG336M006R2200	NLJG336M006R2200	33	6.3	2200	G	.92 .686
581-NLJA476M006R1600	NLJA476M006R1600	47	6.3	1600	A	1.28 .744
581-NLJA336M010R1700	NLJA336M010R1700	33	10	1700	A	1.78 .594
581-NLJB476M010R1000	NLJB476M010R1000	47	10	1000	B	1.01 .76

TCH SERIES: HERMETICALLY SEALED POLYMER CAPACITORS

Features:

- Stability under humidity and ambient atmosphere exposure
- Large case sizes including CTC-21D provide high capacitance values

DIMENSIONS: mm



MOUSER STOCK NO.	Value (μF)	Tol. (%)	Voltage (VDC)	Max. ESR (mΩ@100kHz)	Price Each			
581-TCH9337M010W40U	330	20	10	40	1	2	5	10
581-TCH9227M016W40U	220	20	16	40	280.93	250.38	225.34	212.82
581-TCH9157M025W50U	150	20	25	50	280.93	250.38	225.34	212.82
581-TCH9107M035W55U	100	20	35	55	211.76	190.58	158.82	154.03
581-TCH9476M050W70U	47	20	50	70	280.93	250.38	225.34	212.82
581-TCH9226M100W150U	22	20	100	150	257.05	231.34	-	172.94

T4J MEDICAL SERIES: SOLID SMD TANTALUM CAPACITORS

Features:

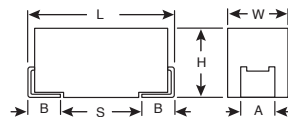
- HRC4000 Implantable Non-Life Support and Non-Implantable Life Support

Specifications:

- Operating Temperature Range: -55°C to +125°C
- Tolerance: 10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Value (μF)	Volt. (V)	ESR (Ω@100kHz)	Case Code	Price Each
581-T4JB226K6CRLQ47	T4JB226K006CRLQ4700	22	6.3	600mΩ	B	12.31
581-T4JD227K6CRLQ47	T4JD227K006CRLQ4700	220	6.3	200mΩ	D	21.88
581-T4JB106K16CRLQ47	T4JB106K016CRLQ4700	10	16	1.2Ω	B	13.13
581-T4JB475K20CRLQ47	T4JB475K020CRLQ4700	4.7	20	1Ω	B	14.78
581-T4JC106K35CRLQ47	T4JC106K035CRLQ4700	10	35	600mΩ	C	21.88

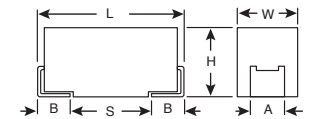


Case Code	EIA Code	DIMENSIONS: mm					
		L±.2	W +.2/-1	H +.2/-1	A±.2	B +.3/-2	S Min.
B	1210	3.5	2.8	1.9	2.2	.8	1.4
C	2312	6	3.2	2.6	2.2	1.3	2.9
D	2917	7.3	4.3	2.9	2.4	1.3	4.4

TAJ SERIES: 125°C STANDARD TANTALUM CHIP CAPACITORS

Specifications:

- Temperature range: -55°C to 125°C
- Reliability: 1% per 1000 hours at 85°C, Vp with 0.1ΩV series impedance, 60% confidence level



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Case Code	Value (μF)	Tol (%)	Price Each
4 Volt					
581-TAJA336K004R47N	TAJA336K004R47N	A	33	10	.34 .172
581-TAJA476M004R	TAJA476M004R47N	A	47	20	.38 .193
581-TAJB476M004R47N	TAJB476M004R47N	B	47	20	.59 .421
581-TAJA476M004R	TAJA476M004R47N	A	47	10	.44 .221
581-TAJB107M004R47N	TAJB107M004R47N	B	100	20	1.02 .676
581-TAJB107K004R47N	TAJB107K004R47N	B	100	10	1.09 .69
581-TAJC227K004R47N	TAJC227K004R47N	C	220	10	.73 .36
581-TAJC337K004R	TAJC337K004R47N	C	330	10	1.99 1.17
581-TAJC477K004R47N	TAJC477K004R47N	C	470	10	1.96 1.36
581-TAJD477K004R47N	TAJD477K004R47N	D	470	10	2.28 1.58

Case Code	EIA Code	DIMENSIONS: mm					
		L±.2	W +.2/-1	H +.2/-1	A±.2	B +.3/-2	S Min.
A	1206	3.2	1.6	1.6	1.2	.8	1.1
B	1210	3.5	2.8	1.9	2.2	.8	1.4
C	2312	6	3.2	2.6	2.2	1.3	2.9
D	2917	7.3	4.3	2.9	2.4	1.3	4.4
E	2917	7.3	4.3	4			