

AVX Niobium Oxide Capacitors

RoHS Compliant This product is RoHS compliant.



AVX NIOBIUM OXIDE CAPACITORS

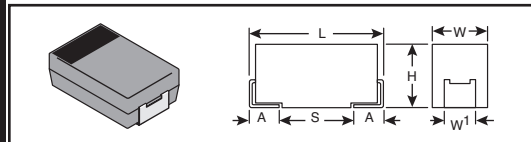
Specifications:

- 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
 - NOS series 0.2% per 1000 hours at 85°C
 - NLJ series 0.2% per 1000 hours at 85°C
- Capacitance range: 10 ~ 680µF
- Capacitance tolerance: 20%
- Leakage current
 - DCL: 0.02CV



LEAD-FREE
Lead-Free Compatible Component

		DIMENSIONS: mm (in.)						
Code	EIA Code	EIA Metric	L	W	H	W1	A	S Min.
A	1206	3216-18	3.2 (0.126)	1.6 (0.063)	1.6 (0.063)	1.2 (0.031)	0.80 (0.031)	1.1 (0.043)
B	1210	2528-21	3.5 (0.138)	2.8 (0.110)	1.9 (0.075)	2.2 (0.087)	0.80 (0.031)	1.4 (0.055)
C	2312	6032-28	6 (0.236)	3.2 (0.126)	2.6 (0.102)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
D	2917	7343-31	7.3 (0.287)	4.3 (0.169)	2.9 (0.114)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
E	2717	7343-43	7.3 (0.287)	4.3 (0.169)	4.1 (0.162)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
F	2312	6032-20	6 (0.236)	3.20 (0.126)	2 (0.079)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
P	0805	2012-15	2.05 (0.081)	1.35 (0.053)	1.5 (0.047)	1.2 (0.047)	0.50 (0.020)	0.85 (0.033)
S	1206	3216-12	3.2 (0.126)	1.60 (0.063)	1.2 (0.047)	1.2 (0.047)	0.80 (0.031)	1.10 (0.043)
T	1210	3526-12	3.5 (0.138)	2.8 (0.110)	1.2 (0.047)	2.2 (0.087)	0.80 (0.031)	1.4 (0.055)
V	2924	7361-38	7.3 (0.287)	6.1 (0.240)	3.45±0.30 (0.136±0.012)	3.1 (0.120)	1.4 (0.055)	4.4 (0.173)
W	2312	6032-15	6 (0.236)	3.20 (0.126)	1.50 (0.059)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
X	2917	7343-15	7.3 (0.287)	4.3 (0.169)	1.50 (0.059)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
Y	2917	7343-20	7.3 (0.287)	4.3 (0.169)	2 (0.079)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Value (µF)	ESR (Ω)@ 100 KHz	Price Each		Reel Qty.	Price per Piece
				1	100		
AVX OxiCap™ NOJ Series							
Case Size A							
1.8V							
581-NOJA476M001RWJ	NOJA476M001RWJ	47	1.6	.66	.48	2000	.30
2.5V							
581-NOJA336M002	NOJA336M002RWJ	33	1700	.53	.388	2000	.242
581-NOJA476M002RWJ	NOJA476M002RWJ	47	1.6	.53	.388	2000	.242
4V							
581-NOJA156M004	NOJA156M004RWJ	15	2	.53	.388	2000	.242
581-NOJA226M004	NOJA226M004RWJ	22	1900	.60	.436	2000	.272
6.3V							
581-NOJA475M006	NOJA475M006RWJ	4.7	3.2	.44	.32	2000	.20
581-NOJA106M006	NOJA106M006RWJ	10	2.2	.53	.26	2000	.128
10V							
581-NOJA475M010	NOJA475M010RWJ	4.7	3100	.27	.20	2000	.125
581-NOJA106M010	NOJA106M010RWJ	10	2200	.50	.36	2000	.225
581-NOJA156M010RWJ	NOJA156M010RWJ	15	2	.72	.52	2000	.325
Case Size B							
1.8V							
581-NOJB107M001RWJ	NOJB107M001RWJ	100	1.4	1.00	.72	2000	.45
2.5V							
581-NOJB686M002RWJ	NOJB686M002RWJ	68	1.5	.69	.50	2000	.312
581-NOJB107M002RWJ	NOJB107M002RWJ	100	1.4	1.00	.72	2000	.45
4V							
581-NOJB336M004	NOJB336M004RWJ	33	1.7	.79	.572	2000	.357
581-NOJB476M004	NOJB476M004RWJ	47	1.6	.80	.58	2000	.362
581-NOJB107M004RWJ	NOJB107M004RWJ	100	1.4	1.02	.74	2000	.462
6.3V							
581-NOJB156M006	NOJB156M006RWJ	15	2	.79	.572	2000	.357
581-NOJB226M006	NOJB226M006RWJ	22	1.9	.58	.42	2000	.262
581-NOJB336M006	NOJB336M006RWJ	33	1.7	.82	.592	2000	.37
581-NOJB336M006RWB	NOJB336M006RWB	33	1.7	.94	.68	2000	.425
581-NOJB686M006RWJ	NOJB686M006RWJ	68	1.5	.58	.42	2000	.262
581-NOJB107M006RWB	NOJB107M006RWB	100	0.4	1.21	.874	2000	.546
581-NOJB107M006RWJ	NOJB107M006RWJ	100	1.7	1.05	.76	2000	.475
10V							
581-NOJB106M010	NOJB106M010RWJ	10	2200	.58	.42	2000	.262
581-NOJB156M010	NOJB156M010RWJ	15	2000	.87	.628	2000	.392
581-NOJB226M010	NOJB226M010RWJ	22	1800	.68	.41	2000	.203
581-NOJB226M010RWB	NOJB226M010RWB	22	0.7	.68	.41	2000	.211
Case Size C							
1.8V							
581-NOJC107M001RWJ	NOJC107M001RWJ	100	0.4	1.24	.896	500	.80
581-NOJC157M001RWJ	NOJC157M001RWJ	150	0.4	1.24	.896	500	.80
581-NOJC337M001RWJ	NOJC337M001RWJ	330	0.3	2.47	1.78	500	1.58
2.5V							
581-NOJC337M002RWJ	NOJC337M002RWJ	330	0.3	2.47	1.78	500	1.58
4V							
581-NOJC476M004	NOJC476M004RWJ	47	0.5	1.06	.768	500	.685
581-NOJC686M004	NOJC686M004RWJ	68	0.5	1.06	.768	500	.685
581-NOJC107M004	NOJC107M004RWJ	100	0.4	1.24	.896	500	.80
6.3V							
581-NOJC336M006	NOJC336M006RWJ	33	0.5	1.06	.768	500	.685
581-NOJC476M006	NOJC476M006RWJ	47	0.5	1.06	.768	500	.685
581-NOJC686M006	NOJC686M006RWJ	68	0.5	1.32	.956	500	.853
581-NOJC157M006RWJ	NOJC157M006RWJ	150	0.4	2.01	1.45	500	1.29
581-NOJC227M006RWJ	NOJC227M006RWJ	220	0.4	2.61	1.88	500	1.67
10V							
581-NOJC226M010	NOJC226M010RWJ	22	500	1.16	.84	500	.75
581-NOJC336M010	NOJC336M010RWJ	33	500	1.16	.84	500	.75
581-NOJC476M010	NOJC476M010RWJ	47	400	.88	.65	500	.34
581-NOJC686M010RWJ	NOJC686M010RWJ	68	0.5	1.59	1.14	500	1.02
Case Size D							
2.5V							
581-NOJD337M002RWJ	NOJD337M002RWJ	330	0.3	8.30	4.55	500	2.77
4V							
581-NOJD157M004RWJ	NOJD157M004RWJ	150	0.3	1.25	.95	500	.46
581-NOJD227M004	NOJD227M004RWJ	220	0.4	1.25	.95	500	.46
581-NOJD337M004	NOJD337M004RWJ	330	0.3	8.30	4.55	500	2.77
6.3V							
581-NOJD107M006	NOJD107M006RWJ	100	0.4	1.05	.79	500	.42
581-NOJD157M006	NOJD157M006RWJ	150	0.4	1.25	.95	500	.46
581-NOJD227M006RWJ	NOJD227M006RWJ	220	0.4	1.25	.95	500	.46
581-NOJD337M006RWJ	NOJD337M006RWJ	330	0.3	8.30	4.55	500	2.77

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				1	100		
AVX OxiCap™ NOJ Series (Cont.)							
10V							
581-NOJD107M010RWB	NOJD107M010RWB	100	0.15	1.10	.88	500	.77
581-NOJD107M010RWJ	NOJD107M010RWJ	100	0.4	1.81	1.27	500	1.16
Case Size E							
2.5V							
581-NOJE477M002	NOJE477M002RWJ	470	300	8.50	6.45	400	4.75
4V							
581-NOJE477M004	NOJE477M004RWJ	470	0.3	8.50	6.45	400	4.75
6.3V							
581-NOJE227M006	NOJE227M006RWJ	220	0.4	3.00	2.28	400	1.09
581-NOJE337M006	NOJE337M006RWJ	330	0.3	3.93	2.98	400	1.42
581-NOJE477M006RWJ	NOJE477M006RWJ	470	0.3	8.50	6.45	500	2.82
Case Size V							
2.5V							
581-NOJV108M002	NOJV108M002RWJ	1000	300	8.70	6.55	400	4.85
4V							
581-NOJV687M004	NOJV687M004RWJ	680	0.3	8.70	6.55	400	4.85
AVX OxiCap™ NOJ Low Profile Series							
Case Size P							
1.8V							
581-NOJP156M001RWJ	NOJP156M001RWJ	15	4.1	1.06	.80	2500	.34
581-NOJP226M001RWJ	NOJP226M001RWJ	22	3.8	1.06	.80	2500	.34
2.5V							
581-NOJP106M002	NOJP106M002RWJ	10	4500	1.06	.80	2500	.34
581-NOJP156M002RWJ	NOJP156M002RWJ	15	4	1.06	.80	2500	.34
581-NOJP226M002RWJ	NOJP226M002RWJ	22	3.8	1.06	.80	2500	.34
4V							
581-NOJP685M004	NOJP685M004RWJ	6.8	5300	1.06	.80	2500	.34
581-NOJP106M004RWJ	NOJP106M004RWJ	10	4.5	1.06	.80	2500	.34
581-NOJP156M004RWJ	NOJP156M004RWJ	15	4.1	1.06	.80	2500	.34
Case Size S							
1.8V							
581-NOJS156M001RWJ	NOJS156M001RWJ	15	2	1.15	.87	2500	.39
581-NOJS226M001RWJ	NOJS226M001RWJ	22	1.9	1.15	.87	2500	.39
2.5V							
581-NOJS106M002RWJ	NOJS106M002RWJ	10	2.2	1.15	.87	2500	.39
581-NOJS156M002RWJ	NOJS156M002RWJ	15	2	.97	.73	2500	.33
4V							
581-NOJS685M004	NOJS685M004RWJ	6.8	2.6	.90	.70	2500	.30
581-NOJS106M004RWJ	NOJS106M004RWJ	10	2.2	.97	.73	2500	.33
Case Size T							
1.8V							
581-NOJT226M001RWJ	NOJT226M001RWJ	22	1.8	1.17	.88	2500	.39
581-NOJT336M001RWJ	NOJT336M001RWJ	33	1.7	1.17	.88	2500	.39
581-NOJT476M001RWJ	NOJT476M001RWJ	47	1.6	1.17	.88	2500	.39
2.5V							
581-NOJT156M002RWJ	NOJT156M002RWJ	15	2	1.17	.88	2500	.39
581-NOJT226M002	NOJT226M002RWJ	22	1.9	.75	.57	2500	.28
581-NOJT336M002RWJ	NOJT336M002RWJ	33	1.7	1.15	.87	2500	.39
581-NOJT476M002RWJ	NOJT476M002RWJ	47	1.6	1.17	.88	2500	.39
4V							
581-NOJT106M004RWJ	NOJT106M004RWJ	10	2.2	1.17	.88	2500	.39
581-NOJT156M004	NOJT156M004RWJ	15	2	1.14	.86	2500	.38
581-NOJT226M004RWJ	NOJT226M004RWJ	22	1.8	1.15	.87	2500	.39
Case Size W							
1.8V							
581-NOJW107M001RWJ	NOJW107M001RWJ	100	0.4	1.81	1.27	1000	1.06
2.5V							
581-NOJW686M002RWJ	NOJW686M002RWJ	68	0.4	1.16	.90	1000	.49
581-NOJW107M002RWJ	NOJW107M002RWJ	100	0.4	1.81	1.27	1000	1.06
Case Size X							
1.8V							
581-NOJX227M001RWJ	NOJX227M001RWJ	220	0.4	2.02	1.59	1000	.96
2.5V							
581-NOJX157M002RWJ	NOJX157M002RWJ	150	0.4	2.02	1.59	1000	.96
Case Size Y							
1.8V							
581-NOJY337M001	NOJY337M001RWJ	330	300	1.91	1.50	1000	1.11
581-NOJY477M001RWJ	NOJY477M001RWJ	470	0.3	1.91	1.50	1000	1.11
2.5V							
581-NOJY227M002RWJ	NOJY227M002RWJ	220	0.4	1.91	1.50	1000	1.11
581-NOJY337M002RWJ	NOJY337M002RWJ	330	0.3	1.91	1.50	1000	1.11