

NICHICON Aluminum Electrolytic Capacitors



nichicon KA 105°C SERIES, AUDIO GRADE

Specifications:

- Operating temperature range: -55°C to +105°C
- Voltage range: 6.3 - 50V
- Capacitance range: 22 to 22000µF
- Endurance: 2000 hours at 105°C
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Leakage Current: After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4 (µA), whichever is greater. After 2 minute's application of rated voltage, leakage current is not more than 0.01CV or 3 (µA), whichever is greater.



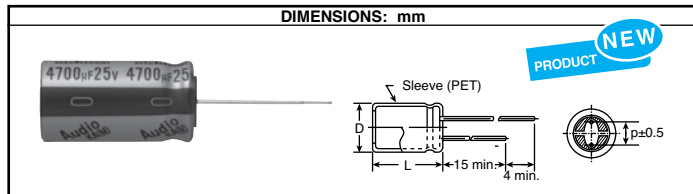
RoHS Compliant

Features:

- Selected materials to create superior acoustic sound.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size D x L (mm)	Price Each		Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				1	100		
647	UKA0J220MDD1TD	6.3	22	5 x 11	.24	.131	2000	.09
647	UKA0J330MDD1TD	6.3	33	5 x 11	.24	.131	2000	.09
647	UKA0J470MDD1TD	6.3	47	5 x 11	.24	.131	2000	.09
647	UKA0J101MDD1TD	6.3	100	5 x 11	.24	.131	2000	.09
647	UKA0J221MED1TD	6.3	220	6.3 x 11	.36	.201	2000	.138
647	UKA0J331MED1TD	6.3	330	6.3 x 11	.36	.201	2000	.138
647	UKA0J471MPD1TD	6.3	470	8 x 11.5	.49	.272	1000	.211
647	UKA0J102MPD1TD	6.3	1000	10 x 12.5	.85	.472	500	.416
647	UKA0J222MPD1TD	6.3	2200	10 x 20	1.11	.617	500	.544
647	UKA0J332MHD1TO	6.3	3300	12.5 x 20	1.39	.777	500	.686
647	UKA0J472MHD1TO	6.3	4700	12.5 x 25	1.80	1.00	500	.887
647	UKA1A220MDD1TD	10	22	5 x 11	.24	.131	2000	.09
647	UKA1A330MDD1TD	10	33	5 x 11	.24	.131	2000	.09
647	UKA1A470MDD1TD	10	47	5 x 11	.24	.131	2000	.09
647	UKA1A101MDD1TD	10	100	5 x 11	.24	.131	2000	.09
647	UKA1A221MED1TD	10	220	6.3 x 11	.36	.201	2000	.138
647	UKA1A331MPD1TD	10	330	8 x 11.5	.51	.282	1000	.219
647	UKA1A471MPD1TD	10	470	8 x 11.5	.51	.282	1000	.219
647	UKA1A102MPD1TD	10	1000	10 x 16	.90	.499	500	.441
647	UKA1A332MHD1TO	10	3300	12.5 x 25	1.80	1.00	500	.887
647	UKA1C220MDD1TD	16	22	5 x 11	.24	.131	2000	.09
647	UKA1C330MDD1TD	16	33	5 x 11	.24	.131	2000	.09
647	UKA1C470MDD1TD	16	47	5 x 11	.24	.131	2000	.09
647	UKA1C101MDD1TD	16	100	5 x 11	.31	.172	2000	.118
647	UKA1C221MED1TD	16	220	6.3 x 11	.36	.201	2000	.138
647	UKA1C331MPD1TD	16	330	8 x 11.5	.53	.295	1000	.229



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size D x L (mm)	Price Each		Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				1	100		
647	UKA1C471MPD1TD	16	470	8 x 11.5	.53	.295	1000	.229
647	UKA1C102MPD1TD	16	1000	10 x 16	.90	.499	500	.441
647	UKA1C222MHD1TO	16	2200	12.5 x 20	1.39	.777	500	.686
647	UKA1E220MDD1TD	25	22	5 x 11	.24	.131	2000	.09
647	UKA1E330MDD1TD	25	33	5 x 11	.24	.131	2000	.09
647	UKA1E470MDD1TD	25	47	5 x 11	.31	.172	2000	.118
647	UKA1E101MED1TD	25	100	6.3 x 11	.36	.201	2000	.138
647	UKA1E221MPD1TD	25	220	8 x 11.5	.53	.295	1000	.229
647	UKA1E331MPD1TD	25	330	8 x 11.5	.53	.295	1000	.229
647	UKA1E471MPD1TD	25	470	10 x 12.5	.85	.472	500	.416
647	UKA1E102MPD1TD	25	1000	10 x 20	1.11	.617	500	.544
647	UKA1V220MDD1TD	35	22	5 x 11	.24	.131	2000	.09
647	UKA1V330MDD1TD	35	33	5 x 11	.31	.172	2000	.118
647	UKA1V470MDD1TD	35	47	5 x 11	.31	.172	2000	.118
647	UKA1V101MDD1TD	35	100	6.3 x 11	.36	.201	2000	.138
647	UKA1V221MPD1TD	35	220	8 x 11.5	.53	.295	1000	.229
647	UKA1V331MPD1TD	35	330	10 x 12.5	.85	.472	500	.416
647	UKA1V471MPD1TD	35	470	10 x 16	1.10	.611	500	.539
647	UKA1V102MHD1TO	35	1000	12.5 x 25	1.80	1.00	500	.887
647	UKA1H220MDD1TD	50	22	5 x 11	.31	.172	2000	.118
647	UKA1H330MDD1TD	50	33	5 x 11	.31	.172	2000	.118
647	UKA1H470MDD1TD	50	47	6.3 x 11	.36	.201	2000	.138
647	UKA1H101MPD1TD	50	100	8 x 11.5	.53	.295	1000	.229
647	UKA1H221MPD1TD	50	220	10 x 12.5	.85	.472	500	.416
647	UKA1H331MPD1TD	50	330	10 x 16	1.10	.611	500	.539
647	UKA1H471MHD1TO	50	470	12.5 x 20	1.50	.832	500	.735

Nichicon Aluminum Caps, Leaded

nichicon TVX 85°C AXIAL SERIES

Specifications:

- Operating temperature range: -40°C to +85°C (6.3V to 250V), -25°C to +85°C (315V to 450V)
- Voltage range: 6.3V-450V
- Capacitance range: 0.47µF to 10000µF
- Capacitance tolerance: ±20% at 120Hz/20°C
- Endurance: 2000 hours at 85°C



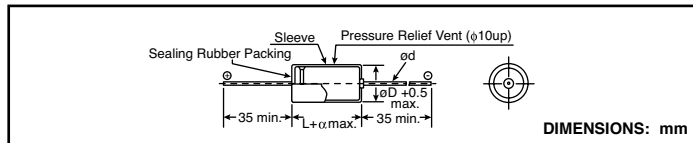
RoHS Compliant

Application Note:

- A higher voltage capacitor may be used in a lower voltage application

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size D x L (mm)	Price Each			
Mfr.	Mfr. Part No.				1	100	500	1000
647	TVX0J101MAD	6.3	100	5 x 12	.47	.436	.399	.33
647	TVX0J221MAD	6.3	220	6.3 x 16	.48	.437	.418	.327
647	TVX0J331MAD	6.3	330	6.3 x 16	.54	.509	.442	.38
647	TVX0J102MCD	6.3	1000	10 x 21	.91	.801	.779	.597
647	TVX0J332MCD	6.3	3300	13 x 26	1.76	1.59	1.45	1.15
647	TVX1A101MAD	10	100	6.3 x 12	.47	.436	.399	.33
647	TVX1A221MAD	10	220	6.3 x 16	.54	.509	.442	.38
647	TVX1A331MAD	10	330	8 x 16	.54	.509	.442	.38
647	TVX1A471MAD	10	470	8 x 16	.65	.60	.51	.42
647	TVX1A102MCD	10	1000	10 x 21	.91	.801	.779	.597
647	TVX1A222MCD	10	2200	13 x 26	1.68	1.52	1.20	1.09
647	TVX1C220MAD	16	22	5 x 12	.38	.311	.277	.264
647	TVX1C330MAD	16	33	5 x 12	.40	.362	.346	.255
647	TVX1C470MAD	16	47	5 x 12	.47	.436	.399	.33
647	TVX1C101MAD	16	100	6.3 x 16	.48	.437	.418	.327
647	TVX1C221MAD	16	220	8 x 16	.54	.509	.442	.38
647	TVX1C331MAD	16	330	8 x 16	.73	.664	.638	.491
647	TVX1C471MAD	16	470	8 x 20	.73	.664	.638	.491
647	TVX1C102MCD	16	1000	10 x 26	1.43	1.17	1.09	.84
647	TVX1C222MCD	16	2200	13 x 31.5	1.98	1.76	1.60	1.27
647	TVX1C332MCD	16	3300	16 x 31.5	3.10	2.56	2.24	1.97
647	TVX1C472MCD	16	4700	16 x 41.5	4.24	3.85	3.48	2.69
647	TVX1C103MDD	16	10000	22 x 40	6.55	5.97	5.37	4.16
647	TVX1E100MAD	25	10	5 x 12	.38	.311	.277	.264
647	TVX1E220MAD	25	22	5 x 12	.40	.362	.346	.255
647	TVX1E330MAD	25	33	5 x 12	.47	.436	.399	.33
647	TVX1E470MAD	25	47	6.3 x 12	.47	.436	.399	.33
647	TVX1E101MAD	25	100	6.3 x 16	.54	.509	.442	.38
647	TVX1E221MAD	25	220	8 x 16	.65	.60	.51	.42
647	TVX1E331MAD	25	330	8 x 20	.77	.663	.641	.494
647	TVX1E471MCD	25	470	10 x 26	1.08	.938	.91	.71
647	TVX1E102MCD	25	1000	13 x 26	1.68	1.52	1.20	1.09
647	TVX1E222MCD	25	2200	16 x 31.5	2.38	2.78	2.74	2.13
647	TVX1E332MCD	25	3300	16 x 41.5	4.28	3.89	3.50	2.71
647	TVX1E472MCD	25	4700	18 x 41	4.98	4.51	4.06	3.14
647	TVX1V100MAD	35	10	5 x 12	.38	.311	.277	.262
647	TVX1V220MAD	35	22	5 x 12	.47	.436	.399	.33
647	TVX1V330MAD	35	33	6.3 x 12	.47	.436	.399	.33
647	TVX1V470MAD	35	47	6.3 x 16	.48	.437	.418	.327
647	TVX1V101MAD	35	100	8 x 16	.54	.509	.442	.38
647	TVX1V221MAD	35	220	8 x 20	.77	.663	.641	.494
647	TVX1V331MCD	35	330	10 x 21	.91	.801	.779	.597
647	TVX1V471MCD	35	470	10 x 26	1.43	1.17	1.09	.84
647	TVX1V102MCD	35	1000	13 x 31.5	1.98	1.76	1.60	1.27
647	TVX1V222MCD	35	2200	16 x 31.5	3.98	3.61	3.24	2.51
647	TVX1V332MCD	35	3300	16 x 41.5	4.92	4.45	4.00	3.13
647	TVX1H010MAD	50	1.0	5 x 12	.38	.311	.277	.264
647	TVX1H2R2MAD	50	2.2	5 x 12	.38	.311	.277	.264



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size D x L (mm)	Price Each			
Mfr.	Mfr. Part No.				1	100	500	1000
647	TVX1H3R3MAD	50	3.3	5 x 12	.38	.311	.277	.264
647	TVX1H4R7MAD	50	4.7	5 x 12	.38	.311	.277	.264
647	TVX1H100MAD	50	10	5 x 12	.47	.436	.399	.33
647	TVX1H20MAD	50	22	6.3 x 12	.47	.438	.40	.331
647	TVX1H330MAD	50	33	6.3 x 16	.48	.437	.418	.327
647	TVX1H470MAD	50	47	6.3 x 16	.54	.509	.442	.38
647	TVX1H101MAD	50	100	8 x 16	.73	.664	.638	.491
647	TVX1H221MCD	50	220	10 x 21	.91	.801	.779	.597
647	TVX1H331MCD	50	330	10 x 26	1.43	1.17	1.09	.84
647	TVX1H471MCD	50	470	13 x 26	1.68	1.52	1.20	1.09
647	TVX1H102MCD	50	1000	16 x 31.5	3.27	2.40	2.21	2.11
647	TVX1H222MCD	50	2200	18 x 41	6.01	4.43	4.08	3.89
647	TVX1H332MDD	50	3300	22 x 40	7.45	5.47	5.03	4.81
647	TVX1H472MDD	50	4700	22 x 52	9.25	8.41	7.55	5.88
647	TVX1J100MAD	63	10	5 x 12	.47	.436	.399	.33
647	TVX1J220MAD	63	22	6.3 x 12	.48	.437	.418	.327
647	TVX1J330MAD	63	33	6.3 x 16	.54	.509	.442	.38
647	TVX1J470MAD	63	47	8 x 16	.54	.509	.442	.38