

NICHICON Polymer Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

LV SERIES - RADIAL TYPE, LONG LIFE ASSURANCE

Features:

- High voltage (to 63V)
- Low ESR, high ripple current
- Long life of 3000 hours at 105°C

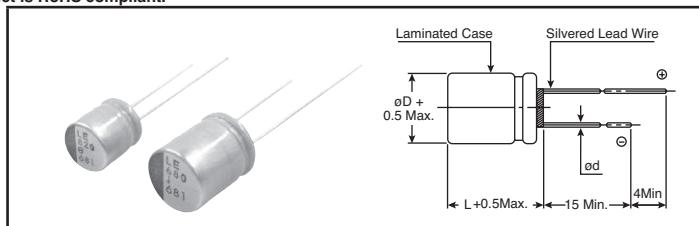
Specifications:

- Temperature Range: -55 to +105°C
- Tolerance: ±20% at 120Hz, 20°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size Dxl (mm) (Max)	ESR (@ 100kHz 20°C)	Price Each			
					1	10	100	500
16V								
647-PLV1C221MCL1TD	PLV1C221MCL1TD	220	8 x 9	26	2.19	1.81	1.21	1.09
647-PLV1C271MDL1TD	PLV1C271MDL1TD	270	8 x 12	24	2.30	1.87	1.20	1.07
647-PLV1C471MDL1TD	PLV1C471MDL1TD	470	10 x 13	23	3.82	3.10	1.98	1.58
20V								
647-PLV1D151MCL1TD	PLV1D151MCL1TD	150	8 x 9	27	2.09	1.73	1.16	1.04
647-PLV1D221MDL1TD	PLV1D221MDL1TD	220	8 x 12	25	2.49	2.03	1.32	1.19
647-PLV1D331MDL1TD	PLV1D331MDL1TD	330	10 x 13	24	3.19	2.59	1.65	1.48
25V								
647-PLV1E121MCL1TD	PLV1E121MCL1TD	120	8 x 9	28	2.09	1.73	1.15	1.03
647-PLV1E151MDL1TD	PLV1E151MDL1TD	150	8 x 12	26	2.24	1.82	1.16	1.04
647-PLV1E271MDL1TD	PLV1E271MDL1TD	270	10 x 13	25	3.82	3.10	1.98	1.58
35V								
647-PLV1V560MCL1TD	PLV1V560MCL1TD	56	8 x 9	29	2.09	1.69	1.09	.972
647-PLV1V820MDL1TD	PLV1V820MDL1TD	82	8 x 12	27	2.09	1.70	1.08	.971
50V								
647-PLV1H330MCL1TD	PLV1H330MCL1TD	33	8 x 9	32	2.13	1.73	1.11	.997
647-PLV1H390MDL1TD	PLV1H390MDL1TD	39	8 x 12	29	2.07	1.68	1.08	.964
647-PLV1H680MDL1TD	PLV1H680MDL1TD	68	10 x 13	28	3.42	2.78	1.78	1.42
63V								
647-PLV1J270MDL1TD	PLV1J270MDL1TD	27	8 x 12	33	2.03	1.65	1.05	.942
80V								
647-PLV1K100MCL1TD	PLV1K100MCL1TD	10	8 x 9	40	2.76	2.54	2.35	1.21
647-PLV1K120MDL1TD	PLV1K120MDL1TD	12	8 x 12	38	3.14	2.87	2.66	1.38
647-PLV1K220MDL1TD	PLV1K220MDL1TD	22	10 x 13	35	4.98	4.56	4.23	2.19
100V								
647-PLV2A100MDL1TD	PLV2A100MDL1TD	10	8 x 12	42	3.33	3.05	1.69	1.47
647-PLV2A180MDL1TD	PLV2A180MDL1TD	18	10 x 13	38	5.31	4.86	2.70	2.34



LE SERIES - ULTRA LOW ESR

Features:

- Ultra Low ESR
- High ripple current
- Load life of 2000 hours at 105°C
- Lead free reflow soldering condition at 260°C

Specifications:

- Temperature Range: -55°C to +105°C
- Tolerance: ±20% at 120Hz, 20°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size Dxl (mm) (Max)	ESR (@ 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PLF0E561MCO1	PLF0E561MCO1	560	8 x 9	5	1.62	1.32	.973	.754
647-PLF0E821MCO6	PLF0E821MCO6	820	8 x 9	5	1.57	1.28	.944	.731
647-PLF0E821MDO1	PLF0E821MDO1	820	8 x 12	5	1.62	1.32	.973	.754
647-PLF0E102MDO1	PLF0E102MDO1	1000	10 x 13	5	1.71	1.38	.911	.809
647-PLF0E152MDO1	PLF0E152MDO1	1500	10 x 13	5	1.71	1.38	.911	.809
4.0V								
647-PLF0G561MCO1	PLF0G561MCO1	560	8 x 9	5	1.62	1.32	.973	.754
647-PLF0G681MDO1	PLF0G681MDO1	680	8 x 12	5	1.62	1.32	.973	.754
647-PLF0G821MDO1	PLF0G821MDO1	820	10 x 13	5	1.71	1.38	.911	.809
647-PLF0G122MDO1	PLF0G122MDO1	1200	10 x 13	5	1.71	1.38	.911	.809
6.3V								
647-PLF0J471MDO1	PLF0J471MDO1	470	8 x 12	5	1.62	1.32	.973	.754
647-PLF0J681MDO1	PLF0J681MDO1	680	10 x 13	5	1.65	1.32	.972	.775
647-PLF0J821MDO1	PLF0J821MDO1	820	10 x 13	5	1.71	1.38	.911	.809

LX SERIES - RADIAL TYPE, LONG LIFE ASSURANCE

Features:

- High reliability, high voltage (to 50V)
- Low ESR, high ripple current
- Long life of 3000 hours at 125°C

Specifications:

- Temperature Range: -55 to +125°C
- Tolerance: ±20% at 120Hz, 20°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size Dxl (mm) (Max)	ESR (@ 100kHz 20°C)	Price Each			
					1	10	100	500
16V								
647-PLX1C151MCL1TD	PLX1C151MCL1TD	150	8 x 9	26	2.47	1.99	1.67	1.47
647-PLX1C221MDL1TD	PLX1C221MDL1TD	220	8 x 12	25	3.06	2.44	2.06	1.76
647-PLX1C391MDL1TD	PLX1C391MDL1TD	390	10 x 13	23	4.70	3.76	3.17	2.70
20V								
647-PLX1D121MCL1TD	PLX1D121MCL1TD	120	8 x 9	27	2.58	2.06	1.74	1.48
647-PLX1D151MDL1TD	PLX1D151MDL1TD	150	8 x 12	26	2.94	2.36	1.99	1.69
647-PLX1D271MDL1TD	PLX1D271MDL1TD	270	10 x 13	24	4.57	3.66	3.08	2.63
25V								
647-PLX1E820MCL1TD	PLX1E820MCL1TD	82	8 x 9	28	2.65	2.12	1.79	1.53
647-PLX1E121MDL1TD	PLX1E121MDL1TD	120	8 x 12	27	3.31	2.65	2.23	1.90
647-PLX1E181MDL1TD	PLX1E181MDL1TD	180	10 x 13	25	4.79	3.83	3.23	2.76
35V								
647-PLX1V390MCL1TD	PLX1V390MCL1TD	39	8 x 9	33	2.75	2.20	1.86	1.58
647-PLX1V560MDL1TD	PLX1V560MDL1TD	56	8 x 12	31	3.32	2.66	2.24	1.91
647-PLX1V101MDL1TD	PLX1V101MDL1TD	100	10 x 13	28	5.04	4.03	3.40	2.90
50V								
647-PLX1H220MCL1TD	PLX1H220MCL1TD	22	8 x 9	35	2.79	2.23	1.88	1.61
647-PLX1H270MDL1TD	PLX1H270MDL1TD	27	8 x 12	33	3.43	2.74	2.31	1.97
647-PLX1H470MDL1TD	PLX1H470MDL1TD	47	10 x 13	29	5.13	4.11	3.46	2.95

LF SERIES - RADIAL LEAD TYPE, STANDARD

Features:

- Ultra Low ESR
- High ripple current
- Load life of 2000 hours at 105°C
- Lead free reflow soldering condition at 260°C

Specifications:

- Temperature Range: -55°C to +105°C
- Tolerance: ±20% at 120Hz, 20°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size Dxl (mm) (Max)	ESR (@ 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PLF0E561MCO1	PLF0E561MCO1	560	8 x 9	6	1.02	.76	.50	.429
647-PLF0E681MDO1	PLF0E681MDO1	680	8 x 12	6	.72	.535	.336	.26
647-PLF0E821MCO6	PLF0E821MCO6	820	8 x 9	7	1.39	1.03	.647	.50
647-PLF0E821MDO1	PLF0E821MDO1	820	8 x 12	6	.72	.535	.336	.26
647-PLF0E102MDO1	PLF0E102MDO1	1000	10 x 13	7	1.28	1.01	.679	.577
4.0V								
647-PLF0G561MCO6	PLF0G561MCO6	560	8 x 9	7	.76	.56	.352	.307
647-PLF0G561MDO1	PLF0G561MDO1	560	8 x 12	7	.72	.535	.336	.26
647-PLF0G681MDO1	PLF0G681MDO1	680	8 x 12	6	.86	.659	.428	.367
647-PLF0G821MDO1	PLF0G821MDO1	820	10 x 13	6	.86	.659	.428	.367
6.3V								
647-PLF0J471MCO6	PLF0J471MCO6	470	8 x 9	7	.76	.56	.352	.317
647-PLF0J471MDO1	PLF0J471MDO1	470	8 x 12	7	.72	.535	.336	.26
647-PLF0J681MDO1	PLF0J681MDO1	680	10 x 13	6	1.46	1.15	.771	.654
10V								
647-PLF1A271MDO1	PLF1A271MDO1	270	8 x 12	8	.79	.599	.391	.335
647-PLF1A471MDO1	PLF1A471MDO1	470	10 x 13	7	1.01	.773	.498	.428
16V								
647-PLF1C271MDO1	PLF1C271MDO1	270	8 x 12	9	.79	.599	.391	.335
647-PLF1C471MDO1	PLF1C471MDO1	470	10 x 13	9	1.01	.773	.498	.428

LG SERIES - RADIAL LEAD TYPE, HIGHER CAPACITANCE

Features:

- Ultra Low ESR
- High ripple current
- Load life of 2000 hours at 105°C
- Lead free reflow soldering condition at 260°C

Specifications:

- Temperature Range: -55°C to +105°C
- Tolerance: ±20% at 120Hz, 20°C

For quantities greater than listed, call for quote.

Voltage	
Code	V
e	2.5
g	4
j	6.3
A	10
C	16

DIMENSIONS: mm					
oD x L	oD	L	P	oD	
8 x 9	8.0	8.5	3.5	0.6	
8 x 12	8.0	11.5	3.5	0.6	
10 x 13	10.0	12.5	5.0	0.6	

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size Dxl (mm) (Max)	ESR (@ 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PLG0E182MCO1	PLG0E182MCO1	1800	8 x 9	9	1.77	1.40	.936	.796
647-PLG0E222MDO1	PLG0E222MDO1	2200	8 x 12	8	1.65	1.32	.873	.775
647-PLG0E392MDO1	PLG0E392MDO1	3900	10 x 13	8	2.22	1.79	1.17	1.04
4.0V								
647-PLG0G122MCO1	PLG0G122MCO1	1200	8 x 9	9	1.77	1.40	.936	.796
647-PLG0G182MDO1	PLG0G182MDO1	1800	8 x 12	9	1.65	1.32	.873	.775
647-PLG0G272MDO1	PLG0G272MDO1	2700	10 x 13	8	1.88	1.52	.992	.889
6.3V								
647-PLG0J821MCO1	PLG0J821MCO1	820	8 x 9	9	1.77	1.40	.936	.796
647-PLG0J122MDO1	PLG0J122MDO1	1200	8 x 12	9	1.65	1.32	.873	.775
647-PLG0J182MDO1	PLG0J182MDO1	1800	10 x 13	8	1.88	1.52	.992	.889
10V								
647-PLG1A561MCO1	PLG1A561MCO1	560	8 x 9	11	1.77	1.40	.936	.796
647-PLG1A821MDO1	PLG1A821MDO1	820	8 x 12	10	1.65	1.32	.873	.775
647-PLG1A122MDO1</								