

NICHICON Polymer Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

CJ SERIES - HIGHER CAPACITANCE, LOW ESR

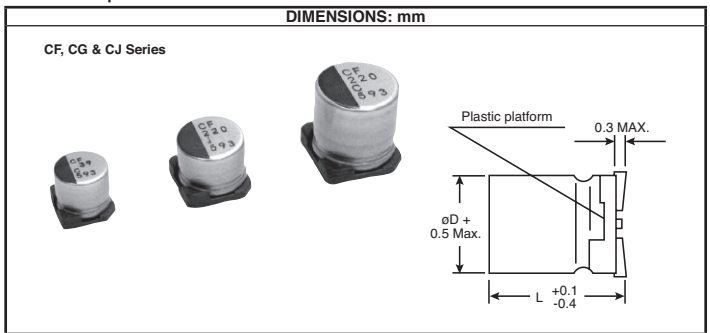
- Features:**
- Higher Capacitance
 - Low ESR
 - High ripple current
 - Lead life of 2000 hours at 105°C
 - Lead free reflow soldering condition at 260°C
- Specifications:**
- Temperature Range: -55°C to +105°C
 - Tolerance: ±20% at 120Hz, 20°C
- For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PCJ0E391MCL1GS	PCJ0E391MCL1GS	390	6.3 x 6	15	1.69	1.37	.975	.911
647-PCJ0E561MCL1GS	PCJ0E561MCL1GS	560	8 x 7	13	2.08	1.70	1.20	.666
647-PCJ0E821MCL1GS	PCJ0E821MCL1GS	820	8 x 12	9	2.30	1.88	.92	.736
647-PCJ0E152MCL1GS	PCJ0E152MCL1GS	1500	8 x 12	9	2.30	1.88	.92	.736
647-PCJ0E222MCL1GS	PCJ0E222MCL1GS	2200	10 x 10	10	1.93	1.59	1.20	.764
4V								
647-PCJ0G331MCL1GS	PCJ0G331MCL1GS	330	6.3 x 6	15	1.69	1.37	.975	.911
647-PCJ0G561MCL1GS	PCJ0G561MCL1GS	560	8 x 7	14	2.08	1.70	1.20	.666
647-PCJ0G561MCL9GS	PCJ0G561MCL9GS	560	8 x 12	9	2.08	1.70	1.20	.666
647-PCJ0G102MCL1GS	PCJ0G102MCL1GS	1000	10 x 8	13	2.30	1.88	.92	.736
647-PCJ0G122MCL1GS	PCJ0G122MCL1GS	1200	8 x 12	9	2.30	1.88	.92	.736
647-PCJ0G152MCL1GS	PCJ0G152MCL1GS	1500	8 x 12	9	2.30	1.88	.92	.736
647-PCJ0G152MCL4GS	PCJ0G152MCL4GS	1500	10 x 10	10	2.30	1.88	.92	.736
647-PCJ0G222MCL1GS	PCJ0G222MCL1GS	2200	10 x 12.7	9	2.01	1.64	.888	.741
6.3V								
647-PCJ0J101MCL1GS	PCJ0J101MCL1GS	100	5 x 6	24	1.65	1.34	.956	.89
647-PCJ0J121MCL1GS	PCJ0J121MCL1GS	120	5 x 6	24	1.65	1.34	.956	.89
647-PCJ0J122MCL1GS	PCJ0J122MCL1GS	1200	10 x 10	12	2.62	2.14	1.05	.819
647-PCJ0J221MCL1GS	PCJ0J221MCL1GS	220	6.3 x 6	15	1.69	1.37	.975	.911
647-PCJ0J391MCL1GS	PCJ0J391MCL1GS	390	8 x 7	14	2.08	1.70	1.20	.666
647-PCJ0J821MCL1GS	PCJ0J821MCL1GS	820	8 x 12	10	2.30	1.88	.92	.736
647-PCJ0J821MCL4GS	PCJ0J821MCL4GS	820	10 x 8	13	2.30	1.88	.92	.736
647-PCJ0J152MCL1GS	PCJ0J152MCL1GS	1500	10 x 10	12	1.93	1.59	1.20	.764
647-PCJ0J182MCL1GS	PCJ0J182MCL1GS	1800	10 x 12.7	11	2.01	1.64	.888	.741
10V								
647-PCJ1A680MCL1GS	PCJ1A680MCL1GS	68	5 x 6	28	1.65	1.34	.956	.89
647-PCJ1A121MCL1GS	PCJ1A121MCL1GS	120	6.3 x 6	25	1.69	1.37	.975	.911
647-PCJ1A271MCL1GS	PCJ1A271MCL1GS	270	8 x 7	21	2.08	1.70	1.20	.666
647-PCJ1A471MCL1GS	PCJ1A471MCL1GS	470	10 x 8	19	2.30	1.88	.92	.736
647-PCJ1A681MCL1GS	PCJ1A681MCL1GS	680	10 x 10	13	1.93	1.59	1.20	.764
16V								
647-PCJ1C390MCL1GS	PCJ1C390MCL1GS	39	5 x 6	35	1.65	1.34	.956	.89
647-PCJ1C680MCL1GS	PCJ1C680MCL1GS	68	6.3 x 6	28	1.69	1.37	.975	.911
647-PCJ1C121MCL1GS	PCJ1C121MCL1GS	120	8 x 7	24	2.08	1.70	1.20	.666
647-PCJ1C221MCL1GS	PCJ1C221MCL1GS	220	10 x 8	22	2.30	1.88	.92	.736
647-PCJ1C331MCL1GS	PCJ1C331MCL1GS	330	10 x 10	16	1.93	1.59	1.20	.764

CF SERIES - CHIP TYPE, STANDARD

- Features:**
- Ultra low ESR
 - High ripple current
 - Lead 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 (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PCF0E221MCL1GS	PCF0E221MCL1GS	220	6.3 x 6	20	1.33	1.11	.713	.665
647-PCF0E471MCL1GS	PCF0E471MCL1GS	470	8 x 7	20	1.23	1.10	.781	.662
647-PCF0E152MCL1GS	PCF0E152MCL1GS	1500	10 x 10	13	1.98	1.64	1.35	.776
4V								
647-PCF1D100MCL1GS	PCF1D100MCL1GS	100	5 x 6	120	1.04	.69	.635	.577
647-PCF0G101MCL1GS	PCF0G101MCL1GS	100	6.3 x 6	22	.90	.602	.452	.424
647-PCF0G151MCL1GS	PCF0G151MCL1GS	150	6.3 x 6	22	1.33	1.11	.713	.665
647-PCF0G221MCL1GS	PCF0G221MCL1GS	220	8 x 7	21	1.33	1.11	.713	.665
647-PCF0G331MCL1GS	PCF0G331MCL1GS	330	8 x 7	21	1.23	1.10	.781	.662
647-PCF0G471MCL1GS	PCF0G471MCL1GS	470	10 x 8	17	1.69	1.39	.982	.577
647-PCF0G681MCL1GS	PCF0G681MCL1GS	680	10 x 8	17	1.99	1.62	1.15	.677
647-PCF0G821MCL1GS	PCF0G821MCL1GS	820	10 x 10	13	1.55	1.28	.947	.72
647-PCF0G122MCL1GS	PCF0G122MCL1GS	1200	10 x 12.7	10	1.88	1.50	1.39	.996
6.3V								
647-PCF0J820MCL1GS	PCF0J820MCL1GS	82	6.3 x 6	23	.90	.602	.452	.424
647-PCF0J121MCL1GS	PCF0J121MCL1GS	120	6.3 x 6	22	1.33	1.11	.713	.665
647-PCF0J151MCL1GS	PCF0J151MCL1GS	150	8 x 7	23	1.33	1.11	.713	.665
647-PCF0J221MCL1GS	PCF0J221MCL1GS	220	8 x 7	22	1.33	1.11	.713	.665
647-PCF0J331MCL1GS	PCF0J331MCL1GS	330	10 x 8	18	1.83	1.49	1.05	.622
647-PCF0J471MCL1GS	PCF0J471MCL1GS	470	10 x 8	18	1.47	1.02	.763	.717
647-PCF0J471MCL1GS	PCF0J471MCL1GS	470	10 x 10	16	1.47	1.02	.763	.717
647-PCF0J681MCL1GS	PCF0J681MCL1GS	680	10 x 10	14	2.09	1.70	1.21	.711
10V								
647-PCF1A4R7MCL1GB	PCF1A4R7MCL1GB	4.7	4 x 5.5	240	1.56	1.16	.961	.65
647-PCF1A470MCL1GS	PCF1A470MCL1GS	47	6.3 x 6	26	1.42	1.16	.823	.766
647-PCF1A560MCL1GS	PCF1A560MCL1GS	56	6.3 x 6	25	1.44	1.17	.832	.775
647-PCF1A121MCL1GS	PCF1A121MCL1GS	120	8 x 7	23	1.50	1.23	.871	.811
647-PCF1A151MCL6GS	PCF1A151MCL6GS	150	8 x 7	23	1.24	1.03	.787	.552
647-PCF1A151MCL6GS	PCF1A151MCL6GS	150	8 x 7	23	1.24	1.03	.787	.552
647-PCF1A151MCL1GS	PCF1A151MCL1GS	150	10 x 8	21	1.24	1.03	.787	.552
647-PCF1A271MCL1GS	PCF1A271MCL1GS	270	10 x 8	20	1.83	1.49	1.05	.622
647-PCF1A331MCL1GS	PCF1A331MCL1GS	330	10 x 8	20	1.47	1.02	.763	.717
647-PCF1A471MCL1GS	PCF1A471MCL1GS	470	10 x 10	16	2.01	1.64	1.16	.684
647-PCF1A561MCL1GS	PCF1A561MCL1GS	560	10 x 10	15	2.13	1.73	1.23	.723
16V								
647-PCF1C3R3MCL1GB	PCF1C3R3MCL1GB	3.3	4 x 5.5	260	1.56	1.31	1.16	1.06
647-PCF1C330MCL1GS	PCF1C330MCL1GS	33	6.3 x 6	31	1.45	1.18	.842	.783
647-PCF1C390MCL1GS	PCF1C390MCL1GS	39	6.3 x 6	31	1.15	.888	.677	.581
647-PCF1C560MCL1GS	PCF1C560MCL1GS	56	8 x 7	30	1.52	1.24	.884	.823
647-PCF1C820MCL1GS	PCF1C820MCL1GS	82	10 x 10	28	1.52	1.24	.884	.823
647-PCF1C151MCL1GS	PCF1C151MCL1GS	150	10 x 8	25	1.69	1.39	.982	.577
647-PCF1C181MCL1GS	PCF1C181MCL1GS	180	10 x 8	25	1.69	1.39	.982	.577
647-PCF1C221MCL1GS	PCF1C221MCL1GS	220	10 x 10	20	2.03	1.66	1.17	.692



CF SERIES - CHIP TYPE, STANDARD (CONT.)

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
20V								
647-PCF1D220MCL1GS	PCF1D220MCL1GS	22	6.3 x 6	50	1.05	.86	.654	.562
647-PCF1D390MCL1GS	PCF1D390MCL1GS	39	8 x 7	45	1.83	1.49	1.06	.623
647-PCF1D680MCL1GS	PCF1D680MCL1GS	68	10 x 8	40	1.43	1.09	.817	.705
647-PCF1D820MCL1GS	PCF1D820MCL1GS	82	10 x 8	40	1.56	1.27	.936	.725
647-PCF1D121MCL1GS	PCF1D121MCL1GS	120	10 x 10	35	1.80	1.44	1.07	.778
25V								
647-PCF1E6R8MCL1GS	PCF1E6R8MCL1GS	6.8	6.3 x 6	80	1.05	.86	.654	.562
647-PCF1E100MCL1GS	PCF1E100MCL1GS	10	8 x 7	60	1.05	.86	.654	.562
647-PCF1E220MCL1GS	PCF1E220MCL1GS	22	10 x 8	50	1.18	.917	.663	.603
647-PCF1E470MCL1GS	PCF1E470MCL1GS	47	10 x 10	45	1.43	1.09	.817	.705
647-PCF1A121MCL1GS	PCF1A121MCL1GS	120	8 x 7	23	1.50	1.23	.871	.811

CG SERIES - CHIP TYPE, HIGHER CAPACITANCE

- Features:**
- Higher Capacitance
 - Low ESR
 - High ripple current
 - Lead 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 (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-PCG0E221MCL1GS	PCG0E221MCL1GS	220	5 x 6	30	1.77	1.45	1.02	.956
647-PCG0E331MCO1GS	PCG0E331MCO1GS	330	5 x 6	10	1.06	.975	.903	.542
647-PCG0E331MCL1GS	PCG0E331MCL1GS	330	5 x 6	30	1.06	.975	.903	.542
647-PCG0E561MCL1GS	PCG0E561MCL1GS	560	6.3 x 6	20	1.85	1.51	1.07	.993
647-PCG0E821MCL1GS	PCG0E821MCL1GS	820	8 x 7	20	2.19	1.79	1.27	1.17
647-PCG0E272MCL1GS	PCG0E272MCL1GS	2700	10 x 10	12	2.16	1.78	1.47	.841
647-PCG0E332MCL1GS	PCG0E332MCL1GS	3300	10 x 12.7	10	2.32	1.92	1.01	.85
647-PCG0E472MCL1GS	PCG0E472MCL1GS	4700	10 x 12.7	10	1.73	1.59	1.47	.882
4V								
647-PCG0G181MCL1GS	PCG0G181MCL1GS	180	5 x 6	32	1.77	1.45	1.02	.956
647-PCG0G221MCO1GS	PCG0G221MCO1GS	440	5 x 6	15	1.04	.953	.883	.53
647-PCG0G221MCL1GS	PCG0G221MCL1GS	440	5 x 6	32	1.04	.953	.883	.53