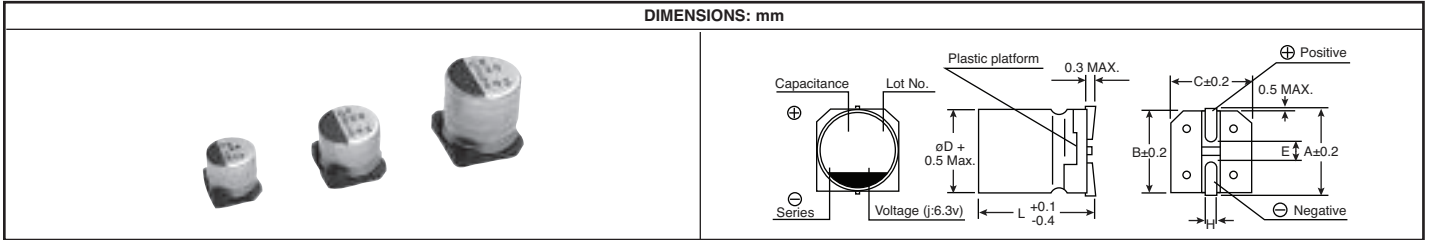


NICHICON Polymer Aluminum Electrolytic Capacitors **nichicon**



CF SERIES/CHIP TYPE, HIGHER CAPACITANCE CONT.

Features:

- Higher Capacitance
- 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 to +105°C
- Tolerance: ±20% at 120 Hz, 20°C

MOUSER STOCK NO.	Nichicon Part Number	Value (µF)	Case Size D X L (mm) Max.	Leakage Current (µA)	ESR (at 100kHz 20 C)	Price Each				
						1	10	100	500	1000
6.3V										
647-PCG0J151MCL1GS	PCG0J151MCL1GS	150	5 x 6	1800	33	1.18	.91	.656	.564	.487
647-PCG0J271MCL1GS	PCG0J271MCL1GS	270	6.3 x 6	2600	23	1.34	1.11	.806	.683	.578
647-PCG0J331MCL1GS	PCG0J331MCL1GS	330	6.3 x 6	2700	23	1.34	1.11	.806	.683	.578
647-PCG0J471MCL1GS	PCG0J471MCL1GS	470	8 x 7	3100	22	1.59	1.30	.961	.813	.67
647-PCG0J102MCL1GS	PCG0J102MCL1GS	1000	10 x 8	3800	18	1.75	1.44	1.10	.911	.769
647-PCG0J182MCL1GS	PCG0J182MCL1GS	1800	10 x 10	4400	14	1.90	1.56	1.19	.989	.834
647-PCG0J222MCL1GS	PCG0J222MCL1GS	2200	10 X 12.7	5000	12	2.04	1.68	1.19	1.08	.898
10V										
647-PCG1A820MCL1GS	PCG1A820MCL1GS	82	5 x 6	164	35	1.18	.91	.656	.564	.487
647-PCG1A151MCL1GS	PCG1A151MCL1GS	150	6.3 x 6	300	25	1.34	1.11	.806	.683	.578
647-PCG1A331MCL1GS	PCG1A331MCL1GS	330	8 x 7	660	23	1.59	1.30	.961	.813	.67
647-PCG1A561MCL1GS	PCG1A561MCL1GS	560	10 x 8	1120	20	1.75	1.44	1.10	.911	.769
647-PCG1A821MCL1GS	PCG1A821MCL1GS	820	10 x 10	1640	15	1.90	1.56	1.19	.989	.834
647-PCG1A102MCL1GS	PCG1A102MCL1GS	1000	10 x 12.7	2000	13	2.04	1.68	1.19	1.08	.898
16V										
647-PCG1C470MCL1GS	PCG1C470MCL1GS	47	5 x 6	150	40	1.18	.91	.656	.564	.487
647-PCG1C820MCL1GS	PCG1C820MCL1GS	82	6.3 x 6	262	30	1.34	1.11	.806	.683	.578
647-PCG1C151MCL1GS	PCG1C151MCL1GS	150	8 x 7	480	28	1.59	1.30	.961	.813	.689
647-PCG1C271MCL1GS	PCG1C271MCL1GS	270	10 x 8	864	25	1.75	1.44	1.10	.911	.788
647-PCG1C471MCL1GS	PCG1C471MCL1GS	470	10 x 10	1504	20	1.90	1.56	1.19	.989	.856
647-PCG1C681MCL1GS	PCG1C681MCL1GS	680	10 x 12.7	2176	18	2.04	1.68	1.19	1.08	.898

CF SERIES/HIGHER CAPACITANCE, LOW ESR

Features:

- Higher Capacitance
- 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 to +105°C
- Tolerance: ±20% at 120 Hz, 20°C

2.5V										
647-PCJ0E181MCL1GS	PCJ0E181MCL1GS	180	5 x 6	90	21	1.32	1.09	.778	.666	.565
647-PCJ0E391MCL1GS	PCJ0E391MCL1GS	390	6.3 x 6	195	15	1.35	1.12	.803	.689	.584
647-PCJ0E561MCL1GS	PCJ0E561MCL1GS	560	8 x 7	280	13	1.68	1.38	1.04	.877	.709
647-PCJ0E681MCL1GS	PCJ0E681MCL1GS	680	8 x 7	340	13	1.68	1.38	1.04	.877	.709
647-PCJ0E821MCL1GS	PCJ0E821MCL1GS	820	8 x 12	410	9	1.85	1.52	1.08	.979	.812
647-PCJ0E122MCL1GS	PCJ0E122MCL1GS	1200	10 x 8	600	12	1.85	1.52	1.14	.963	.812
647-PCJ0E152MCL1GS	PCJ0E152MCL1GS	1500	8 x 12	750	9	1.85	1.52	1.08	.979	.812
647-PCJ0E222MCL1GS	PCJ0E222MCL1GS	2200	10 x 10	1100	10	1.92	1.58	1.19	1.00	.844
647-PCJ0E272MCL1GS	PCJ0E272MCL1GS	2700	10 x 12.7	1350	9	1.99	1.63	1.16	1.05	.872
4V										
647-PCJ0G151MCL1GS	PCJ0G151MCL1GS	150	5 x 6	120	22	1.32	1.09	.778	.666	.565
647-PCJ0G331MCL1GS	PCJ0G331MCL1GS	330	6.3 x 6	264	15	1.35	1.12	.803	.689	.584
647-PCJ0G561MCL1GS	PCJ0G561MCL1GS	560	8 x 7	448	14	1.68	1.38	1.04	.877	.709
647-PCJ0G561MCL9GS	PCJ0G561MCL9GS	560	8 x 12	448	9	1.68	1.38	.982	.877	.736
647-PCJ0G102MCL1GS	PCJ0G102MCL1GS	1000	10 x 8	800	13	1.85	1.52	1.14	.963	.812
647-PCJ0G122MCL1GS	PCJ0G122MCL1GS	1200	8 x 12	960	9	1.85	1.52	1.08	.979	.812
647-PCJ0G152MCL1GS	PCJ0G152MCL1GS	1500	8 x 12	1200	9	1.92	1.58	1.19	.998	.844
647-PCJ0G152MCL4GS	PCJ0G152MCL4GS	1500	10 x 10	1200	10	1.92	1.58	1.12	.998	.844
647-PCJ0G182MCL1GS	PCJ0G182MCL1GS	1800	10 x 10	1440	10	1.92	1.58	1.19	1.00	.844
647-PCJ0G222MCL1GS	PCJ0G222MCL1GS	2200	10 x 12.7	1760	9	1.99	1.63	1.16	1.05	.872
6.3V										
647-PCJ0J101MCL1GS	PCJ0J101MCL1GS	100	5 x 6	126	24	1.32	1.09	.778	.666	.565
647-PCJ0J121MCL1GS	PCJ0J121MCL1GS	120	5 x 6	151	24	1.32	1.09	.778	.666	.565
647-PCJ0J221MCL1GS	PCJ0J221MCL1GS	220	6.3 x 6	277	15	1.35	1.12	.803	.689	.584
647-PCJ0J391MCL1GS	PCJ0J391MCL1GS	390	8 x 7	491	14	1.68	1.38	1.04	.877	.709
647-PCJ0J821MCL1GS	PCJ0J821MCL1GS	820	8 x 12	1033	10	1.85	1.52	1.14	.963	.812
647-PCJ0J821MCL4GS	PCJ0J821MCL4GS	820	10 x 8	1033	13	1.85	1.52	1.08	.979	.812
647-PCJ0J152MCL1GS	PCJ0J152MCL1GS	1500	10 x 10	1890	12	1.92	1.58	1.20	1.00	.96
647-PCJ0J182MCL1GS	PCJ0J182MCL1GS	1800	10 x 12.7	2268	11	1.99	1.63	1.16	1.05	.872
10V										
647-PCJ1A680MCL1GS	PCJ1A680MCL1GS	68	5 x 6	136	28	1.32	1.09	.565	.666	.565
647-PCJ1A121MCL1GS	PCJ1A121MCL1GS	120	6.3 x 6	240	25	1.35	1.12	.584	.689	.584
647-PCJ1A271MCL1GS	PCJ1A271MCL1GS	270	8 x 7	540	21	1.68	1.38	.709	.877	.709
647-PCJ1A471MCL1GS	PCJ1A471MCL1GS	470	10 x 8	940	19	1.85	1.52	.83	.963	.83
647-PCJ1A681MCL1GS	PCJ1A681MCL1GS	680	10 x 10	1360	13	1.92	1.58	.844	1.00	.844
16V										
647-PCJ1C390MCL1GS	PCJ1C390MCL1GS	39	5 x 6	124	35	1.32	1.09	.778	.666	.565
647-PCJ1C680MCL1GS	PCJ1C680MCL1GS	68	6.3 x 6	217	28	1.35	1.12	.803	.689	.584
647-PCJ1C121MCL1GS	PCJ1C121MCL1GS	120	8 x 7	384	24	1.68	1.38	1.04	.877	.709
647-PCJ1C221MCL1GS	PCJ1C221MCL1GS	220	10 x 8	704	22	1.85	1.52	1.14	.963	.83
647-PCJ1C331MCL1GS	PCJ1C331MCL1GS	330	10 x 10	1056	16	1.92	1.58	1.19	1.00	.86