

NICHICON Electric Double Layer Supercapacitors



This product is RoHS compliant.

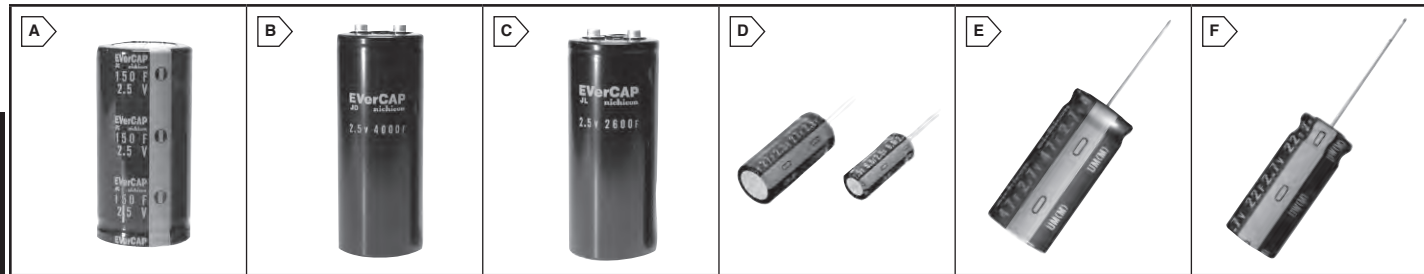
Nichicon offers the Electric Double Layer Supercapacitors (EDLC) EverCAP® series. The Supercapacitors EverCAP® series is adapted to the RoHS directive (2002/95/EC) and the features listed below.

Features:

- Series JC features high energy, high density, in a screw terminal type, excellent voltage holding property
- Series JD features high energy density in a screw terminal type, suitable for electric power storage
- Series JL features a high power density in a screw terminal type, for rapid charge-discharge
- Series UM features radial leads and a rated voltage range of 2.7V, for quick charge and discharge
- Series UW is one rank smaller case size than the UM series

Specifications:

- 20% Tolerance



JC SERIES SNAP-IN TERMINAL TYPE

- Temperature Range: -25°C to +60°C
- Rated voltage: 2.5
- *250 piece standard size pack

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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	ESR	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JJC0E226MELB	JJC0E226MELB	A	22F	90 mOhms	10mm	30 x 20mm	11.20	9.94	8.93	7.96	7.20
647-JJC0E276MELZ*	JJC0E276MELZ	A	27F	90 mOhms	10mm	22 x 30mm	11.63	10.33	8.44	8.27	7.48
647-JJC0E107MELC	JJC0E107MELC	A	100F	50 mOhms	10mm	35 x 40mm	17.61	16.72	14.82	13.20	12.32
647-JJC0E127MELC	JJC0E127MELC	A	120F	4.0 mOhms	10mm	35 x 40mm	19.53	18.54	16.43	14.64	13.66
647-JJC0E157MELC	JJC0E157MELC	A	150F	40 mOhms	10mm	35 x 50mm	22.22	21.10	18.68	16.66	15.55

JD SERIES SCREW TERMINAL HIGH ENERGY DENSITY

- Temperature Range: -25°C to +60°C
- Rated voltage: 2.5
- *The listed DCR value is typical and therefore not a guaranteed value

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MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	DCR* (Typical)	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JJD0E607MSEC	JJD0E607MSEC	B	600F	13.5 mOhms	12.7mm	35 x 85mm	94.44	89.55	86.29	83.04	81.42
647-JJD0E138MSED	JJD0E138MSED	B	1300F	6.0 mOhms	18.8mm	40 x 135mm	150.15	145.22	139.49	133.76	130.09
647-JJD0E238MSEF	JJD0E238MSEF	B	2300F	4.0 mOhms	22mm	51 x 135mm	193.61	187.27	179.90	172.49	171.72
647-JJD0E258MSEF	JJD0E258MSEF	B	2500F	3.5 mohms	22mm	51 x 150mm	205.13	198.42	190.33	182.75	181.94

JL SERIES SCREW TERMINAL HIGH POWER DENSITY

- Temperature Range: -25°C to +60°C
- Rated voltage: 2.5
- *The listed DCR value is typical and therefore not a guaranteed value

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MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	DCR* (Typical)	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JJL0E707MSED	JJL0E707MSED	C	700F	3.5 mOhms	18.8mm	40 x 105mm	152.95	147.94	142.10	136.26	111.57
647-JJL0E158MSEF	JJL0E158MSEF	C	1500F	1.8 mOhms	22mm	51 x 135mm	200.05	193.50	185.89	178.22	111.57

UK SERIES RADIAL LEAD LOW RESISTANCE

- Temperature Range: -40°C to +70°C
- Rated voltage: 2.5

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MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	ESR	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JUK0E685MHD	JUK0E685MHD	D	6.8uF	0.075 Ohms	5mm	12.5 x 31.5mm	5.48	3.79	3.03	2.70	
647-JUK0E126MHD	JUK0E126MHD	D	12uF	0.060 Ohms	7.5mm	16 x 31.5mm	9.17	6.35	5.08	4.52	
647-JUK0E186MHD	JUK0E186MHD	D	18uF	0.055 Ohms	7.5mm	18 x 31.5mm	10.26	7.10	5.68	5.05	
647-JUK0E276MHD	JUK0E276MHD	D	27uF	0.040 Ohms	7.5mm	18 x 40mm	14.50	10.04	8.03	7.14	

UM SERIES RADIAL LEAD HIGH VOLTAGE

- Temperature Range: -25°C to +70°C
- Rated voltage: 2.7

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MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	ESR	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JUMT1474MED	JUMT1474MED	E	0.47F	4 Ohms	2.5mm	6.3 x 11mm	1.45	1.14	1.12	.861	.766
647-JUMT1105MPD	JUMT1105MPD	E	1.0F	2 Ohms	3.5mm	8 x 11.5mm	1.82	1.42	1.39	1.07	.957
647-JUMT1225MPD	JUMT1225MPD	E	2.2F	2 Ohms	3.5mm	8 x 20mm	2.27	1.83	1.73	1.38	1.19
647-JUMT1335MPD	JUMT1335MPD	E	3.3F	1 Ohms	5mm	10 x 20mm	3.24	2.62	2.48	2.00	1.70
647-JUMT1475MHD	JUMT1475MHD	E	4.7F	0.4 Ohms	5mm	12.5 x 20mm	4.75	3.82	3.56	2.97	2.43
647-JUMT1106MHD	JUMT1106MHD	E	10F	0.1 Ohms	5mm	12.5 x 31.5mm	4.79	4.30	3.75	3.24	2.87
647-JUMT1226MHD	JUMT1226MHD	E	22F	0.1 Ohms	7.5mm	16 x 31.5mm	7.32	6.50	5.68	5.19	4.71
647-JUMT1336MHD	JUMT1336MHD	E	33F	0.1 Ohms	7.5mm	18 x 31.5mm	9.05	8.03	7.20	6.42	5.81
647-JUMT1476MHD	JUMT1476MHD	E	47F	0.1 Ohms	7.5mm	18 x 40mm	11.20	9.95	8.93	7.95	7.20

UW SERIES RADIAL LEAD HIGH VOLTAGE

- Temperature Range: -25°C to +70°C
- Rated voltage: 2.7

RoHS Compliant

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MOUSER STOCK NO.	Nichicon Part No.	Fig.	Capacitance	ESR	Lead Spacing	Dimensions (D X L)	Price Each				
							1	10	50	100	200
647-JUWT1105MCD	JUWT1105MCD	F	1F	4 Ohms	2.5mm	6.3 x 9mm	.84	.61	.511	.423	.387
647-JUWT1155MPD	JUWT1155MPD	F	1.5F	3 Ohms	3.5mm	8 x 11.5mm	1.34	1.05	.921	.792	.567
647-JUWT1275MPD	JUWT1275MPD	F	2.7F	2 Ohms	3.5mm	8 x 20mm	1.80	1.45	1.27	1.11	.951
647-JUWT1475MPD	JUWT1475MPD	F	4.7F	1 Ohms	5mm	10 x 20mm	2.45	1.98	1.74	1.51	1.29
647-JUWT1685MHD	JUWT1685MHD	F	6.8F	0.8 Ohms	5mm	12.5 x 20mm	3.87	3.12	2.74	2.43	1.99
647-JUWT1126MPD	JUWT1126MPD	F	12F	0.4 Ohms	5mm	10 x 31.5mm	4.06	3.65	2.94	2.76	2.43
647-JUWT1226MHD	JUWT1226MHD	F	22F	0.3 Ohms	5mm	12.5 x 31.5mm	4.61	4.14	3.34	3.13	2.76
647-JUWT1336MHD	JUWT1336MHD	F	33F	0.2 Ohms	7.5mm	16 x 31.5mm	5.32	4.79	3.86	3.62	3.19
647-JUWT1476MHD	JUWT1476MHD	F	47F	0.2 Ohms	7.5mm	18 x 31.5mm	6.63	5.89	5.34	4.71	4.27
647-JUWT1826MHD	JUWT1826MHD	F	82F	0.1 Ohms	7.5mm	18 x 40mm	8.62	7.65	6.93	6.12	5.55