

CELLERGY Supercapacitors

RoHS Compliant This product is RoHS compliant.



NEW SUPPLIER

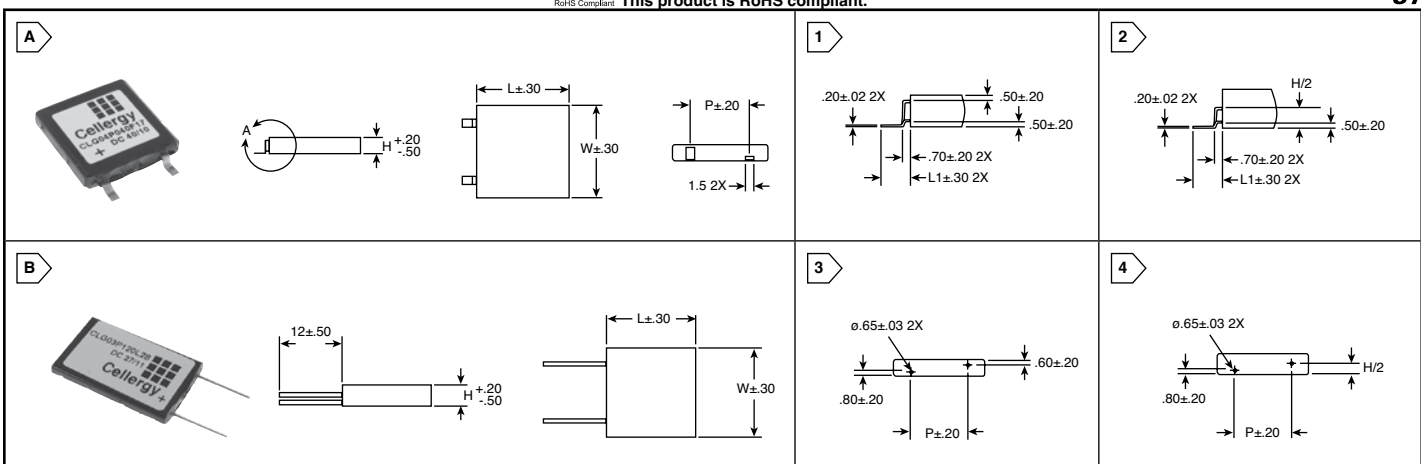
Supercapacitors

Cellergy

NEW SUPPLIER

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Cellergy introduces the Aqueous Electrolyte Pulse Application Super-Capacitors for high-current pulse transmission. These high-frequency, low ESR EDLC's from Cellergy are capable of storing large amounts of energy and utilize aqueous component technology that is environmentally friendly and non-toxic. Cellergy's Super-Capacitors were designed to act as a bridge between electrolyte capacitors and batteries and offer high power relative to batteries as well as produce a high current pulse. In addition, these Super-Capacitors are used to extend the lifetime of a battery for maximum exploitation and extend secondary battery operation. Cellergy offers four Super-Cap footprints, which include the smallest footprint on the market and in the world (12x12.5mm) for space-limited applications, in both flat lead "F" and surface mount "L" versions.

- Characteristics:**
- Operating Temperature Range: -40°C to 70°C
 - Unaffected by humidity
 - High density energy storage
 - High capacitance in smallest footprint available
 - Capable to deliver high instantaneous current
 - Nearly infinite discharge/charge cycle
- Applications:**
- Medical
 - Consumer
 - RF
 - Backup or current booster for mechanical applications
 - Energy harvesting

CLC SERIES SMD SUPERCAPACITORS

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cellergy Part No.	Fig.	Voltage	Cap. (mF)	ESR (mΩ)	Max Allowed L.C. (µA)	Length (mm)	Width (mm)	Height (mm)	Pitch (mm)	Price Each					
											1	50	100	500		
Flat Leads, Single																
938-CLC03P012F12	CLC03P012F12	A1	3.5	12	600	1.5	12	12.5	2.4	8	3.70	3.02	2.70	2.27		
938-CLC04P010F12	CLC04P010F12	A1	4.2	10	720	1.5	12	12.5	2.6	8	4.39	3.58	3.20	2.69		
Flat Leads, Double																
938-CLC04P020F12	CLC04P020F12	A2	4.2	20	360	3	12	12.5	3.9	8	5.10	4.16	3.72	3.13		
938-CLC03P025F12	CLC03P025F12	A2	3.5	25	300	3	12	12.5	3.4	8	4.50	3.67	3.29	2.76		

CLG SERIES SMD SUPERCAPACITORS

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cellergy Part No.	Fig.	Voltage	Cap. (mF)	ESR (mΩ)	Max Allowed L.C. (µA)	Length (mm)	Width (mm)	Height (mm)	Pitch (mm)	Price Each					
											1	50	100	500		
Flat Leads, Single																
938-CLG03P012F12	CLG03P012F12	A1	3.5	12	600	3	12	12.5	2.4	8.0	3.09	2.51	2.25	1.89		
938-CLG03P060F28	CLG03P060F28	A1	3.5	60	130	10	28	17.5	2.4	11	6.04	4.92	4.41	3.71		
938-CLG04P020F17	CLG04P020F17	A1	4.2	20	360	6	17	17.5	2.6	11.0	4.09	3.33	2.98	2.51		
938-CLG04P050F28	CLG04P050F28	A1	4.2	50	150	10	28	17.5	2.6	11.0	5.80	4.72	4.23	3.56		
938-CLG05P040F28	CLG05P040F28	A1	5.5	40	200	10	28	17.5	3.1	11.0	6.63	5.40	4.83	4.07		
Flat Leads, Double																
938-CLG03P120F28	CLG03P120F28	A2	3.5	120	65	20	28	17.5	3.4	11	8.81	7.23	6.51	5.53		
938-CLG03P025F12	CLG03P025F12	A2	3.5	25	300	6	12	12.5	3.4	8.0	3.74	3.05	2.73	2.30		
938-CLG03P120F28	CLG03P120F28	A2	3.5	120	65	20	28	17.5	3.4	11.0	8.51	6.93	6.21	5.23		
938-CLG04P040F17	CLG04P040F17	A2	4.2	40	180	12	17	17.5	3.9	11.0	5.26	4.28	3.83	3.23		
938-CLG05P030F17	CLG05P030F17	A2	5.5	30	280	12	17	17.5	4.8	11.0	5.94	4.84	4.33	3.65		
938-CLG05P080F28	CLG05P080F28	A2	5.5	80	100	20	28	17.5	4.8	11.0	11.57	9.42	8.44	7.11		
938-CLG06P070F28	CLG06P070F28	A2	6.3	70	115	20	28	17.5	5.4	11.0	12.51	10.19	9.13	7.68		

CLG SERIES RADIAL SUPERCAPACITORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cellergy Part No.	Fig.	Voltage	Cap. (mF)	ESR (mΩ)	Max Allowed L.C. (µA)	Length (mm)	Width (mm)	Height (mm)	Pitch (mm)	Price Each					
											1	50	100	500		
Through Hole Leads, Single																
938-CLG03P012L12	CLG03P012L12	B3	3.5	12	600	3	12	12.5	2.4	8.0	3.37	2.74	2.45	2.06		
938-CLG03P060L28	CLG03P060L28	B3	3.5	60	130	10	28	17.5	2.4	11	6.05	4.93	4.41	3.72		
938-CLG03P420L48	CLG03P420L48	A1	3.5	420	20	65	48	30.5	3.4	22.3	55.75	43.18	41.08	39.51		
938-CLG04P020L17	CLG04P020L17	B3	4.2	20	360	6	17	17.5	2.6	11.0	4.23	3.44	3.08	2.59		
938-CLG04P050L28	CLG04P050L28	B3	4.2	50	150	10	28	17.5	2.6	11.0	6.40	5.20	4.66	3.92		
938-CLG05P040L28	CLG05P040L28	B3	5.5	40	200	10	28	17.5	3.1	11.0	7.28	5.93	5.30	4.47		
938-CLG05P280L48	CLG05P280L48	B3	5.5	280	30	65	48	30.5	4.8	22.3	67.32	54.64	52.53	50.94		
938-CLG12P015L28	CLG12P015L28	A1	12	15	445	10	28	17.5	5.4	11	14.22	11.57	10.37	8.73		
Through Hole Leads, Double																
938-CLG03P025L12	CLG03P025L12	B4	3.5	25	300	6	12	12.5	3.4	8.0	4.11	3.35	3.00	2.52		
938-CLG03P120L28	CLG03P120L28	B4	3.5	120	65	20	28	17.5	3.4	11.0	9.36	7.62	6.83	5.75		
938-CLG04P040L17	CLG04P040L17	B4	4.2	40	180	12	17	17.5	3.9	11.0	5.77	4.69	4.20	3.54		
938-CLG05P030L17	CLG05P030L17	B4	5.5	30	280	12	17	17.5	4.8	11.0	6.51	5.30	4.74	4.00		
938-CLG05P080L28	CLG05P080L28	B4	5.5	80	100	20	28	17.5	4.8	11.0	12.74	10.37	9.29	7.82		
938-CLG06P012L12	CLG06P012L12	A2	6.3	12	600	6	12	12.5	5.3	8	5.05	4.11	3.68	3.10		
938-CLG06P070L28	CLG06P070L28	B4	6.3	70	115	20	28	17.5	5.4	11.0	13.76	11.21	10.04	8.45		

CLK SERIES SUPERCAPACITORS

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cellergy Part No.	Fig.	Voltage	Cap. (mF)	ESR (mΩ)	Max Allowed L.C. (µA)	Length (mm)	Width (mm)	Height (mm)	Pitch (mm)	Price Each					
											1	50	100	500		
SMD Flat Leads, Single																
938-CLK03P120F28	CLK03P120F28	A1	3.5	120	160	10	28	17.5	3	11	11.20	9.13	8.18	6.88		
938-CLK05P030F17	CLK05P030F17	A1	5.5	30	480	6	17	17.5	3.4	11	7.81	6.37	5.70	4.79		
Through Hole Leads, Single																
938-CLK05P030L17	CLK05P030L17	A1	5.5	30	480	6	17	17.5	3.4	11	7.81	6.37	5.70	4.79		
938-CLK05P080L28	CLK05P080L28	A1	5.5	80	230	10	28	17.5	3.5	11	15.22	12.42	11.11	9.34		
SMD Flat Leads, Double																
938-CLK03P240F28	CLK03P240F28	A2	3.5	240	80	20	28	17.5	4.5	11	13.46	10.97	9.83	8.26		
938-CLK05P060F17	CLK05P060F17	A2	5.5	60	240	12	17	17.5	5.7	11	9.38	7.65	6.85	5.76		
Through Hole Leads, Double																
938-CLK05P060L17	CLK05P060L17	A2	5.5	60	240	12	17	17.5	5.7	11	9.38	7.65	6.85	5.76		
938-CLK05P160L28	CLK05P160L28	A2	5.5	160	115	20	28	17.5	6	11	18.31	14.92	13.37	11.24		