

# CORNELL DUBILIER Electric Double Layer Supercapacitors



Type EDL electric double layer supercapacitors offer extremely high capacitance values (farads) in a variety of packaging options that will satisfy low profile, surface mount, through hole, and high density assembly requirements.

**Features:**

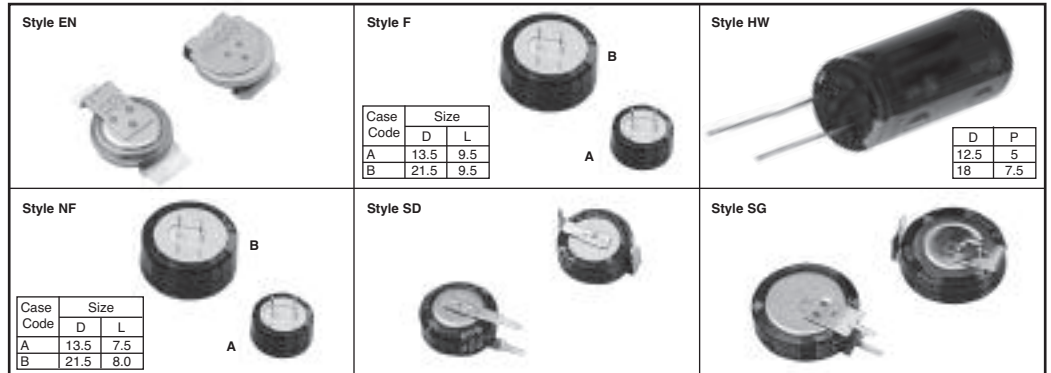
- Unlimited charging and discharging capability
- Recycling is not necessary
- Low ESR
- Will extend battery life up to 1.6 times
- First class performance with economy pricing

**Specifications:**

- Temperature range: -25°C to 85°C
- Case types: Radial leaded, stacked coin, SMT

**Applications:**

- Telecom - cellular handsets
- Solar battery backup
- Small motor starter
- Gaming machines
- Real time clock - battery
- Remote reading utility meters



**STYLE EN**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLEN204A3R3S	EDLEN204A3R3S	0.20F	3.3V	6.8	1.8	1.42	1.34	1.28	1.21	1.14
598-EDLEN204RL3R3S	EDLEN204RL3R3S	0.20F	3.3V	6.8	1.8	1.42	1.34	1.28	1.21	1.14

**STYLE F**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLF473A5R5C	EDLF473A5R5C	.047F	5.5	13.5	9.5	2.13	2.02	1.92	1.81	1.71
598-EDLF104A5R5C	EDLF104A5R5C	.10F	5.5	13.5	9.5	2.18	2.07	1.97	1.86	1.75
598-EDLF474B5R5C	EDLF474B5R5C	.47F	5.5	21.5	9.5	5.16	4.90	4.65	4.40	4.14
598-EDLF684B5R5C	EDLF684B5R5C	.68F	5.5	21.5	9.5	5.34	5.06	4.81	4.55	4.28
598-EDLF105B5R5C	EDLF105B5R5C	1.00F	5.5	21.5	9.5	5.50	5.21	4.95	4.68	4.41

**STYLE HW**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLHW106D2R3R	EDLHW106D2R3R	10F	2.3V	12.5	35.0	3.11	2.95	2.80	2.65	2.50
598-EDLHW226D2R3R	EDLHW226D2R3R	22F	2.3V	18.0	35.0	5.34	5.06	4.81	4.55	4.28
598-EDLHW306D2R3R	EDLHW306D2R3R	30F	2.3V	18.0	35.0	6.18	5.86	5.57	5.26	4.96
598-EDLHW335D2R3R	EDLHW335D2R3R	3.3F	2.3V	12.5	23.0	2.33	2.21	2.10	1.99	1.87
598-EDLHW475D2R3R	EDLHW475D2R3R	4.7F	2.3V	12.5	23.0	2.40	2.28	2.16	2.05	1.93
598-EDLHW506D2R3R	EDLHW506D2R3R	50F	2.3V	18.0	40.0	6.54	6.20	5.89	5.57	5.25
598-EDLHW706D2R1R	EDLHW706D2R1R	70F	2.1V	18.0	50.0	10.13	9.60	9.13	8.63	8.13

**STYLE NF**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLNF104A5R5C	EDLNF104A5R5C	0.10F	5.5V	13.5	7.5	1.26	1.19	1.13	1.07	1.01
598-EDLNF105B5R5C	EDLNF105B5R5C	1.0F	5.5V	21.5	8.0	3.11	2.95	2.80	2.65	2.50
598-EDLNF155B5R5C	EDLNF155B5R5C	1.5F	5.5V	21.5	8.0	3.67	3.48	3.31	3.13	2.95
598-EDLNF224A5R5C	EDLNF224A5R5C	.22F	5.5V	13.5	7.5	1.33	1.26	1.20	1.13	1.07
598-EDLNF474B5R5C	EDLNF474B5R5C	.47F	5.5V	21.5	8.0	3.11	2.95	2.80	2.65	2.50

**STYLE SD**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLSD104H5R5C	EDLSD104H5R5C	0.10F	5.5V	11.5	5.5	1.01	.96	.91	.86	.81
598-EDLSD104V5R5C	EDLSD104V5R5C	0.10F	5.5V	10.5	5.0	1.01	.96	.91	.86	.81
598-EDLSD223H5R5C	EDLSD223H5R5C	0.022F	5.5V	11.5	5.5	.94	.89	.85	.80	.75
598-EDLSD223V5R5C	EDLSD223V5R5C	0.022F	5.5V	10.5	5.0	.94	.89	.85	.80	.75
598-EDLSD224H5R5C	EDLSD224H5R5C	0.22F	5.5V	11.5	5.5	1.04	.99	.94	.89	.84
598-EDLSD224V5R5C	EDLSD224V5R5C	0.22F	5.5V	10.5	5.0	1.04	.99	.94	.89	.84
598-EDLSD334H5R5C	EDLSD334H5R5C	0.33F	5.5V	11.5	5.5	1.08	1.03	.98	.92	.87
598-EDLSD334V5R5C	EDLSD334V5R5C	0.33F	5.5V	10.5	5.0	1.09	1.03	.98	.92	.87
598-EDLSD473H5R5C	EDLSD473H5R5C	0.047F	5.5V	11.5	5.5	.98	.93	.88	.83	.79
598-EDLSD473V5R5C	EDLSD473V5R5C	0.047F	5.5V	10.5	5.0	.98	.93	.88	.83	.79

**STYLE SG**

MOUSER STOCK NO.	CDE Part Number	Capacitor Value	Voltage	Case Diameter (mm)	Case Length (mm)	Price Each				
						1	5	10	25	50
598-EDLSG105H5R5C	EDLSG105H5R5C	1.0F	5.5V	20.0	6.0	2.94	2.78	2.65	2.50	2.36
598-EDLSG105V5R5C	EDLSG105V5R5C	1.0F	5.5V	19.0	5.0	2.94	2.78	2.65	2.50	2.36
598-EDLSG155H5R5C	EDLSG155H5R5C	1.5F	5.5V	20.0	6.0	3.38	3.20	3.04	2.88	2.71
598-EDLSG155V5R5C	EDLSG155V5R5C	1.5F	5.5V	19.0	5.0	3.38	3.20	3.04	2.88	2.71
598-EDLSG474H5R5C	EDLSG474H5R5C	0.47F	5.5V	20.0	6.0	2.84	2.69	2.56	2.42	2.28
598-EDLSG474V5R5C	EDLSG474V5R5C	0.47F	5.5V	19.0	5.0	2.84	2.69	2.56	2.42	2.28



Supercapacitors  
Cornell Dubilier