### Capacitors

**Features:**
- High capacitance & Low Impedance
- Quick charging and discharging
- Thin/Small size

**Applications:**
- Long Life
- Clean materials
- Battery assist
- Pulsed energy storage

### EDLC Specifications

<table>
<thead>
<tr>
<th>TDK Part No.</th>
<th>MOUSER STOCK NO.</th>
<th>Voltage (V)</th>
<th>Value (µF)</th>
<th>ESR (mΩ)</th>
<th>Dimensions: mm</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDLC25520-351-2F-21</td>
<td>E810-EDL255203512F21</td>
<td>350</td>
<td>5.5</td>
<td>13.08</td>
<td>12.42</td>
<td></td>
</tr>
</tbody>
</table>

### Features:
- Fast charging and discharging
- Compact size for easy mounting as replacement
- Series or parallel connection of multiple modules for higher voltage, power or discharge time
- High reliability, green solution for pulse or backup power applications

### Applications:
- Power applications
- High reliability, green solution for pulse or backup power requirements
- Series or parallel connection of multiple modules for higher voltage, power or discharge time

### MOUSER STOCK NO.

<table>
<thead>
<tr>
<th>XVM Series Supercapacitor Modules</th>
<th>MOUSER STOCK NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XVM-16R2656-R</td>
<td>XVM-16R2656-R</td>
</tr>
</tbody>
</table>

### Specifications:
- Suitable for high current pulse
- High charging and discharging rates
- High temperature operation

### Applications:
- Industrial, computer and emergency systems
- Battery assist engine starting, backup energy
- High pulse current applications
- UPS / Hold Up Power

### XD AND XV SERIES: SNAP-IN TYPE

<table>
<thead>
<tr>
<th>XD Specifications</th>
<th>MOUSER STOCK NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XBD550-2R5307-R</td>
<td>EDLF473A5R5C</td>
</tr>
</tbody>
</table>

### Specifications:
- Suitable for high current pulse
- High charging and discharging rates
- High temperature operation

### Applications:
- Industrial, computer and emergency systems
- Battery assist engine starting, backup energy
- High pulse current applications
- UPS / Hold Up Power

### 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
- Styles RD, RF, RG: Long Life

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

### MOUSER STOCK NO.

<table>
<thead>
<tr>
<th>XD Specifications</th>
<th>MOUSER STOCK NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XBD550-2R5307-R</td>
<td>EDLF473A5R5C</td>
</tr>
</tbody>
</table>

### Specifications:
- Suitable for high current pulse
- High charging and discharging rates
- High temperature operation

### Applications:
- Industrial, computer and emergency systems
- Battery assist engine starting, backup energy
- High pulse current applications
- UPS / Hold Up Power

### 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
- Styles RD, RF, RG: Long Life

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

### MOUSER STOCK NO.

<table>
<thead>
<tr>
<th>XD Specifications</th>
<th>MOUSER STOCK NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XBD550-2R5307-R</td>
<td>EDLF473A5R5C</td>
</tr>
</tbody>
</table>

### Specifications:
- Suitable for high current pulse
- High charging and discharging rates
- High temperature operation

### Applications:
- Industrial, computer and emergency systems
- Battery assist engine starting, backup energy
- High pulse current applications
- UPS / Hold Up Power

### 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
- Styles RD, RF, RG: Long Life

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

### MOUSER STOCK NO.

<table>
<thead>
<tr>
<th>XD Specifications</th>
<th>MOUSER STOCK NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XBD550-2R5307-R</td>
<td>EDLF473A5R5C</td>
</tr>
</tbody>
</table>

### Specifications:
- Suitable for high current pulse
- High charging and discharging rates
- High temperature operation

### Applications:
- Industrial, computer and emergency systems
- Battery assist engine starting, backup energy
- High pulse current applications
- UPS / Hold Up Power