<table>
<thead>
<tr>
<th>Type</th>
<th>EDLC</th>
<th>LIC Hybrid</th>
<th>Coincell</th>
</tr>
</thead>
</table>
| **Description**             | • Very Fast Charge/Discharge  
• High Power Density  
• Low ESR      | • High Voltage 3.0 Vdc 
• Higher Energy Density than 2.7 V (+24%)  
• High ESR  
• High Temp. +85 ºC | • Long Life  
• High Operating Temp. 70 ºC  
• Long Life  
• Higher Operating Temp. 85 ºC |
| **Capacitance Range (Tolerance)** | 0.5F to 600F (-10% +30%) | 1.2 to 600F (-10% +30%) | 10F to 220F (±20%) |
| **WVdc**                    | 2.7 Vdc (1F to 600F)  
5.5 Vdc (0.5F to 5F)  | 3 Vdc (3F to 600F)  
6 Vdc (1.5F to 5F)  | 2.2 Vdc (3.8 Vdc (Vmin - Vmax)  |
| **Temp. Range**             | -40 ºC to +85 ºC (2.3 Vdc @ +85 ºC)  | -40 ºC to +85 ºC (2.5 Vdc @ +85 ºC)  | -25 ºC to +70 ºC |
| **ESR**                     | 3mΩ - 200mΩ (2.7 Vdc, AC 1kHz)  
80mΩ - 400mΩ (5.5 Vdc, AC 1kHz)  | 3mΩ - 80mΩ (3 Vdc, AC 1kHz)  
100mΩ - 180mΩ (6 Vdc, AC 1kHz)  | 30Ω - 120Ω (AC 1kHz)  |
| **Case Size**               | ø 6mm - 35mm (2.7 Vdc)  
15mm - 26mm (5.5 Vdc)  | ø 6mm - 35mm (3 Vdc)  
15mm - 21mm (6 Vdc)  | ø 8mm - 18mm  
ø 8mm - 18mm |
| **Life Time**               | • 1,500 h with Vr @ 65 ºC  
• 10 years @ ambient Temp.  
• 500,000+ cycles  | • 1,500 h with Vr @ 65 ºC  
• 10 years @ ambient Temp.  
• 500,000+ cycles  | • 1,000 h with Vr @ 70 ºC  
• 10 Years  
• 500,000+ cycles  |
| **Lead Configurations**     | Radial - 1F to 70F  
2 Pin Snap In - 100F to 350F  
4 Pin Snap In - 400F to 600F  
Dual Pack (5.5 Vdc) - 1F to 5F  | Radial - 1.2F to 110F  
2 Pin Snap In - 100F to 200F  
4 Pin Snap In - 350F to 600F  
Dual Pack (6 Vdc) - 1.5F to 5F  | Radial  
Radial  |