



# **Aluminum Electrolytic Capacitors**

## **Selection chart**

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**Selection chart**

**High reliability – Automotive**

*For airbag applications*

<p><b>B41863</b> 25 ... 35 V 105 °C / &gt; 3000 h</p>
Page

*Low impedance,  
long useful life*

<p><b>B41858</b> 10 ... 100 V 105 °C / &gt; 5000 h</p>
Page

*Extended useful life,  
low impedance*

<p><b>B41888</b> 10 ... 63 V 105 °C / &gt; 10000 h</p>
Page

*Extended  
useful life*

<p><b>B41890</b> 16 ... 50 V 105 °C / &gt; 15000 h</p>
Page



*Very low impedance*

<p><b>B41859</b> 16 ... 35 V 105 °C / &gt; 5000 h</p>
Page

*High ripple current,  
125 °C*

<p><b>B41866</b> 10 ... 75 V 125 °C / &gt; 5000 h</p>
Page

*High temperature,  
135 °C, extended  
useful life*

<p><b>B41896</b> 10 ... 50 V 125 °C / &gt; 7000 h 135 °C / &gt; 3000 h</p>
Page

*High temperature,  
150 °C*

<p><b>B41868</b> 10 ... 50 V 150 °C / &gt; 1000 h</p>
Page



*High temperature,  
125 °C, high voltage*

<p><b>B43896</b> 250 V 125 °C / &gt; 4000 h</p>
Page

**Selection chart**

**High reliability – Lighting**

*Long useful life,  
high ripple current*

<p><b>B43082</b> 160 ... 450 V DC 105 °C / &gt; 5000 h</p>
Page

*High ripple current,  
125 °C*

<p><b>B43866</b> 160 ... 450 V DC 125 °C / &gt; 5000 h</p>
Page

*Long useful life*

<p><b>B43086</b> 200 ... 450 V DC 105 °C / &gt; 10000 h</p>
Page

*High reliability, 140 °C*

<p><b>B43867</b> 160 ... 350 V DC 140 °C / &gt; 1000 h</p>
Page

*Very long useful life*

<p><b>B43088</b> 200 ... 450 V DC 105 °C / &gt; 12000 h</p>
Page

*Extended useful life*

<p><b>B43890</b> 350 ... 450 V DC 105 °C / &gt; 15000 h</p>
Page

Selection chart

General-purpose applications

85 °C

*Compact*

<p><b>B41002</b> 6.3 ... 63 V DC 85 °C / &gt; 1000 h</p>
Page

105 °C

*Compact*

<p><b>B41022</b> 6.3 ... 63 V DC 105 °C / &gt; 1000 h</p>
Page

*Standard*

<p><b>B41827 / B43827</b> 6.3 ... 450 V DC 85 °C / &gt; 2000 h</p>
Page

*Standard*

<p><b>B41828 / B43828</b> 6.3 ... 450 V DC 105 °C / &gt; 2000 h</p>
Page

*High ripple current,  
low impedance*

<p><b>B41044 / B43044</b> 6.3 ... 450 V DC 105 °C / &gt; 5000 h</p>
Page

*Bipolar, 85 °C*

<p><b>B42824</b> 10 ... 100 V DC 85 °C / &gt; 1000 h</p>
Page

*Bipolar, 105 °C*

<p><b>B42851</b> 10 ... 50 V DC 105 °C / &gt; 1000 h</p>
Page