



500F~2.7V Super Capacitor – Soldering Lug Terminal

A super-capacitor (SC), also called an ultra-capacitor, is a high-capacity capacitor with a capacitance value much higher than other capacitors, but with lower voltage limits, that bridges the gap between electrolytic capacitors and rechargeable batteries. It typically stores 10 to 100 times more energy per unit volume or mass than electrolytic capacitors, can accept and deliver charge much faster than batteries, and tolerates many more charge and discharge cycles than rechargeable batteries.



SKU: CAP1356

Brief Data:

- Capacitance: 500Farad \pm 20%.
- Voltage: 2.7Vdc.
- Surge Voltage: 2.85Vdc.
- Equivalent Series Resistance: 3.1m Ω
- Leakage Current: 0.5mA
- Body Diameter: \varnothing 35mm.
- Body Height: 60mm.
- Solder Lug Width: 8mm.
- Cycle Life: ~1,000,000 times.
- Mounting Type: Solder Tab.
- Operating Temperature: -25°C ~ +65°C.
- Weight: 77g.

Mechanical Dimension:

Unit: mm

62mm/2.44"



35mm/1.38"



Handsontec.com

We have the parts for your ideas

HandsOn Technology provides a multimedia and interactive platform for everyone interested in electronics. From beginner to diehard, from student to lecturer. Information, education, inspiration and entertainment. Analog and digital, practical and theoretical; software and hardware.



open source
hardware

HandsOn Technology support Open Source Hardware (OSHW) Development Platform.

Learn : Design : Share

handsontec.com



The Face behind our product quality...

In a world of constant change and continuous technological development, a new or replacement product is never far away – and they all need to be tested.

Many vendors simply import and sell without checks and this cannot be the ultimate interests of anyone, particularly the customer. Every part sell on Handsotec is fully tested. So when buying from Handsotec products range, you can be confident you're getting outstanding quality and value.

We keep adding the new parts so that you can get rolling on your next project.



www.handsontec.com

[Breakout Boards & Modules](#)



[Connectors](#)



www.handsontec.com

[Electro-Mechanical Parts](#)



www.handsontec.com

[Engineering Material](#)



www.handsontec.com

[Mechanical Hardware](#)



[Electronics Components](#)

P



www.handsontec.com

[Power Supply](#)



[Arduino Board & Shield](#)

[Tools & Accessory](#)



www.handsontec.com

[Tools & Accessory](#)