

Instructions to Solder Lithium Ion Capacitor

Robot Power Pack V320

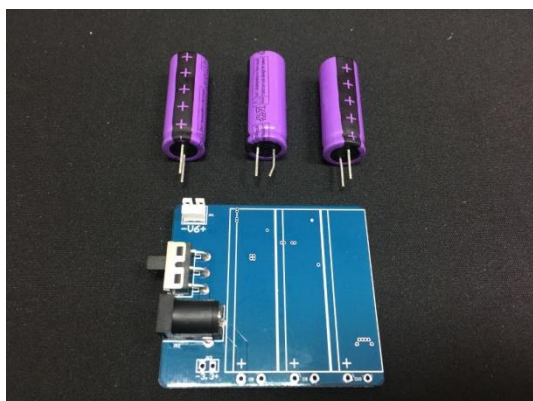
Due to international shipping regulations of Lithium Ion Batteries, although we are using Super Lithium Ion Capacitors on our product, in which classified as a high-volume Super Capacitor, to avoid issues with customs during exporting and importing, we've decided to leave the parts aside so the examiners don't misunderstood the product contained rechargeable batteries of Lithium Ion or NIMH etc..

Please follow the instructions below to properly install and solder these capacitors on to the Robot Power Pack V320 before enjoying the fun of our products!

1. Contents of received package,

1 x Robot Power Package V320 semi-populated board

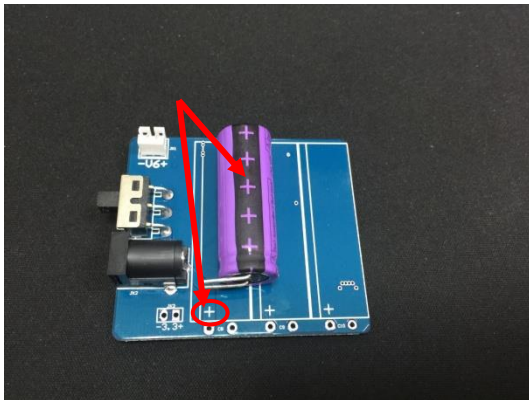
3 x 2.4V Super Lithium Ion Capacitor (picture shows 250mAh version)



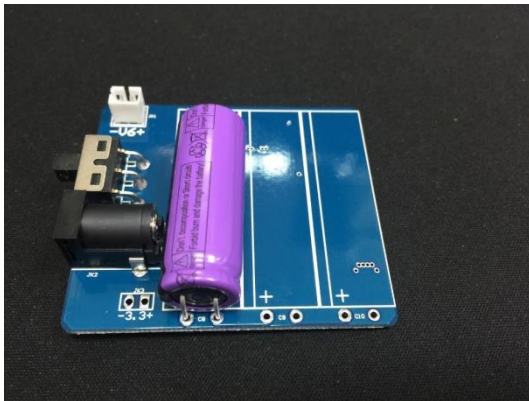
2. User fingers to bend the leads of capacitor as shown (bend both of them to the same direction). Note: Don't use conductive tools to bend the leads at the same time, shorting the two leads will cause instand discharge in which might damage your tools and the component.



3. Insert the capacitor with the correct polarity.



4. Insert the Capacitor onto the PCB as shown

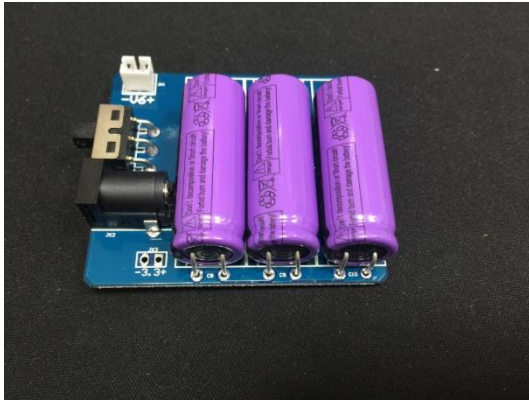


5. Solder the pins to PCB.

NOTE: Do not heat the pins for too long in which may cause damage to components.



6. Repeat steps 1~5



7. Apply adhesive between tips of capacitor and PCB to minimize movement.

