

Super Cap's

Item #559

Use these Super Cap's for many applications.

Make a battery substitution unit for use with MTH engines (instructions on the back)

or

eliminate light / LED flickering from extremely bad intermittent pickups.

item 378: Connect the "+" of the Super Cap to the red output wire and the "-" (indicated by the gray, dashed line, on the side of the cap) to the gray output wire.

RL-LED boards, item # 2379 - 2381 and 2389 - 2391: solder the "+" and "-" to the printed circuit board in any of the positions observing the proper polarity.

DALLEE
ELECTRONICS, Inc.

246 W. Main St.
Leola, PA 17540
(717) 661-7041
www.dallee.com

To make a storage capacitor to replace a battery in any 9 volt system, merely connect two Super Capacitors in series as shown. If using a 9 volt battery connector (item 578), the "+" and "-" must be connected opposite of what would be considered normal since this is emulating a battery.

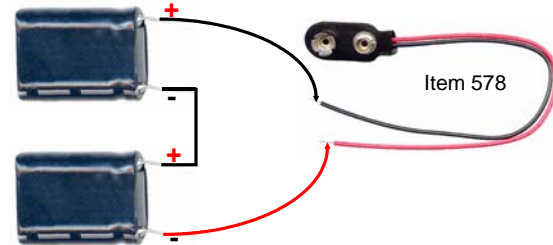


fig 1 - two Super Capacitors used to replace a 9 volt battery in MTH / QSI type older sound units. Before sequencing the engine, a 30 second wait is required to charge the super capacitor's. Tape the electrical connections or totally encase in heat shrink tubing to prevent shorts.



fig 2 - Super Capacitor assembly. Slide heat shrink tubing, item 580, over the exposed connections and capacitors. Heat and push over the tubing on top of the capacitors and wait until cool. This makes for an excellent final assembly.

To make a storage capacitor to replace a battery in any 3 volt system, merely connect one Super Capacitor to where the battery is normally connected. If you desire more operating time than what one capacitor yields, place a second Super Capacitor in parallel with the first one.