



Here's the 5-Volt Regulator section of a Stern SDU100 Module. I call this "Type 1" as it is very similar in appearance to a Bally AS-2518-22.

Note polarity of the large filter capacitor, C23. You'll find a stripe down one side with negative signs in the stripe. This stripe lines up with the negative lug.

Be sure to use the insulator between Q20 and the heat sink, and assure NO continuity between Q20's case and the heat sink.

Note the polarity of the small blue tantalum capacitor C24. You'll find small "+" signs on the positive end, and possibly a small nub on the positive lead.

There is no polarity on the ceramic capacitors C29 (large disk), C22 (small disk), and C25 (glass axial). Be sure not to mix C29 and C22. C29 is quite a bit larger in size than C22.

Resistors:

R49 – 100 Ohms, ½ Watt (Brown/Black/Brown)

R50 – 4.7 Ohms, ½ Watt (Yellow/Violet/Gold)

Capacitors:

C22 – .01µF Ceramic Disk (smaller disk)

C24 – 2.2µF Tantalum Axial (note polarity)

C25 – .1µF Ceramic, Glass Axial

C29 – .1µF Ceramic Disk (larger disk)