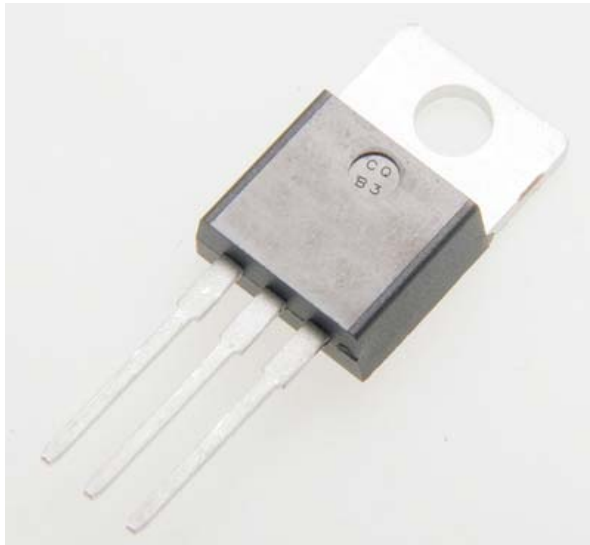


**Typ:** L78S10CV (En nyare modell av LM7810)

13:80 kr på ELFA



Kortslutningssäker och överströmsskyddad spänningsregulator i TO220-kapsel

Fabr: STM

Utspänning: 10 V

Spänningsfall: 3 V

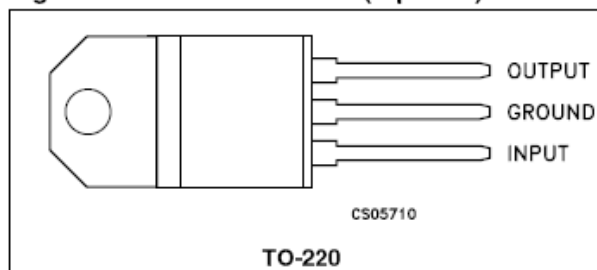
Utström:  $\leq 1$  A

Polaritet: Positive

Arbetstemperatur: 0...+125 °C

Kapsel: TO220

**Figure 2. Pin connections (top view)**



The original voltage regulator is no longer in production, but is available in limited supply.  
Part # 171 919 803, expect to pay \$15-20 from the dealer.

But you do have a cheaper alternative, and its identical to what is being sold as a new replacement for 171 919 803.  
This is an LM7810 (10v positive regulator).

The main difference between the LM7810 and the original TCA700Y is the way its installed.

On the TCA700Y, the regulator is laid flat onto the original metal heat sink.

With the LM7810, you flip it over, so the heat sink is up in the air.

You need to provide a metal spacer for the regulator to transfer the heat to the original VW heat sink. This is only required if you source your LM7810 from an electronics parts supplier.

Why you might ask?-

**This is because the LM7810 pins are opposite of the original TCA700Y.**

**Note:** A brass spacer is provided if you purchase a new replacement 171 919 803.

Since the TCA700Y is no longer made, its just makes sense to use the cheaper LM7810 and it handles 1A current.  
The TCA700Y only up to 0.220 mA.