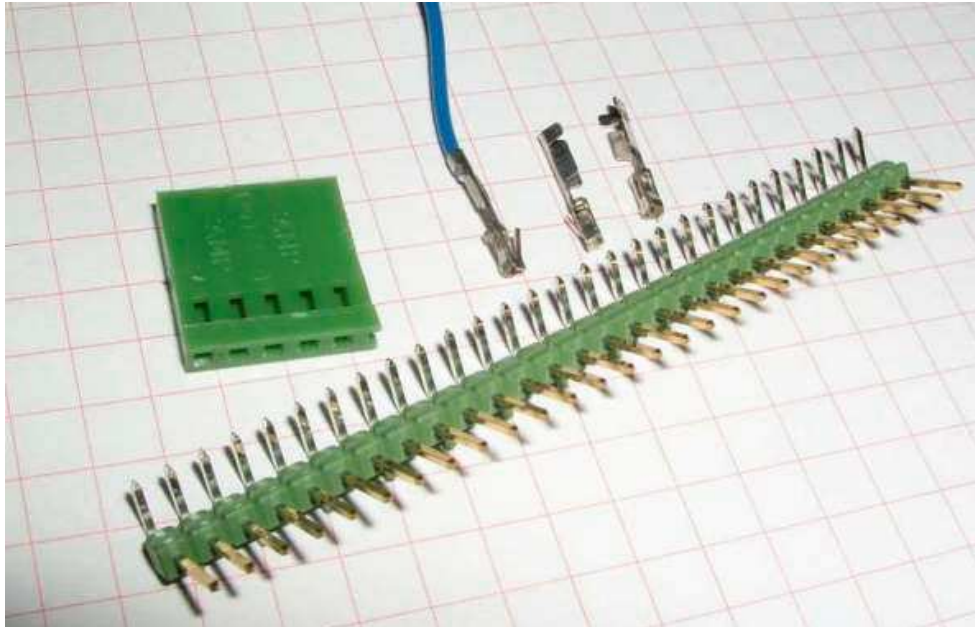


## New Connectors for the DR7 (TR-7, R-7)

My DR7 in the TR-7 had problems with the connectors. The LED-display flickered sometimes and changed it's brightness.  
The cleaning of all connectors didn't help. The original connectors make contact only on one side, they don't clasp around the pin.  
So i decided to replace the original connectors by new - and better – ones.  
I've chosen AMP-connectors (Tycoelectronics), see picture 1.



Picture 1: AMP connectors MODU II and MODU IV

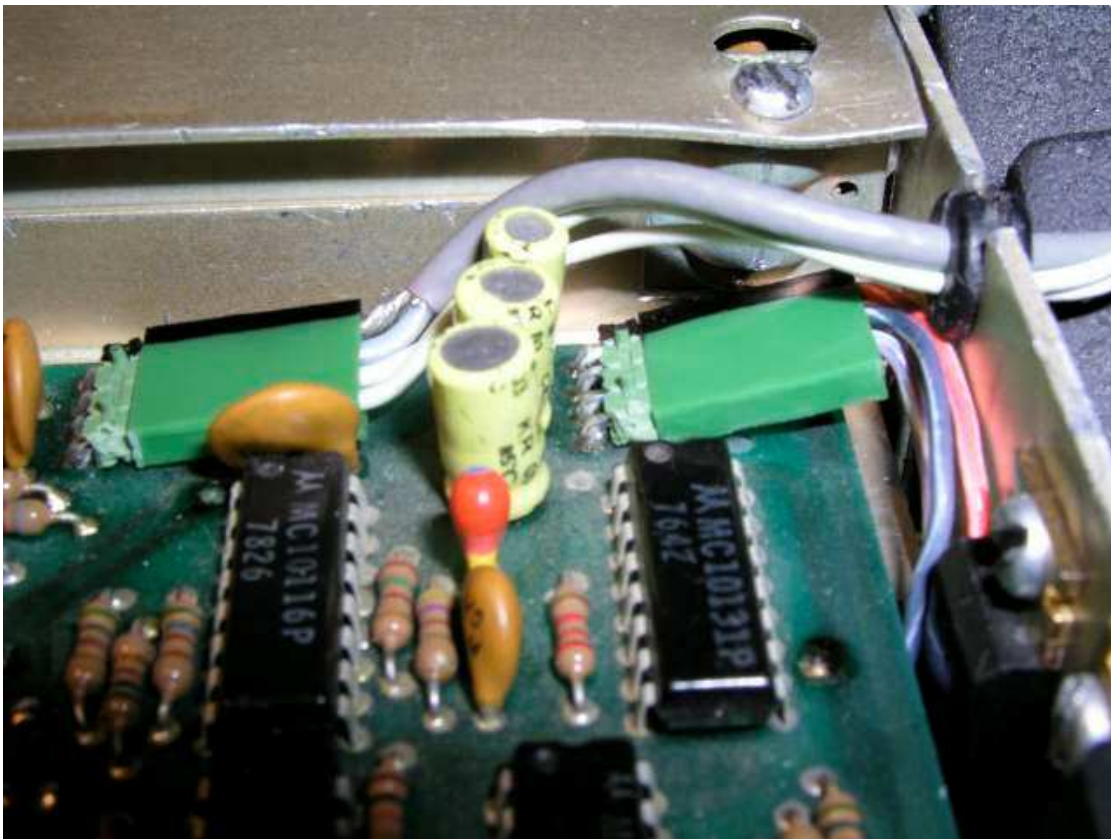
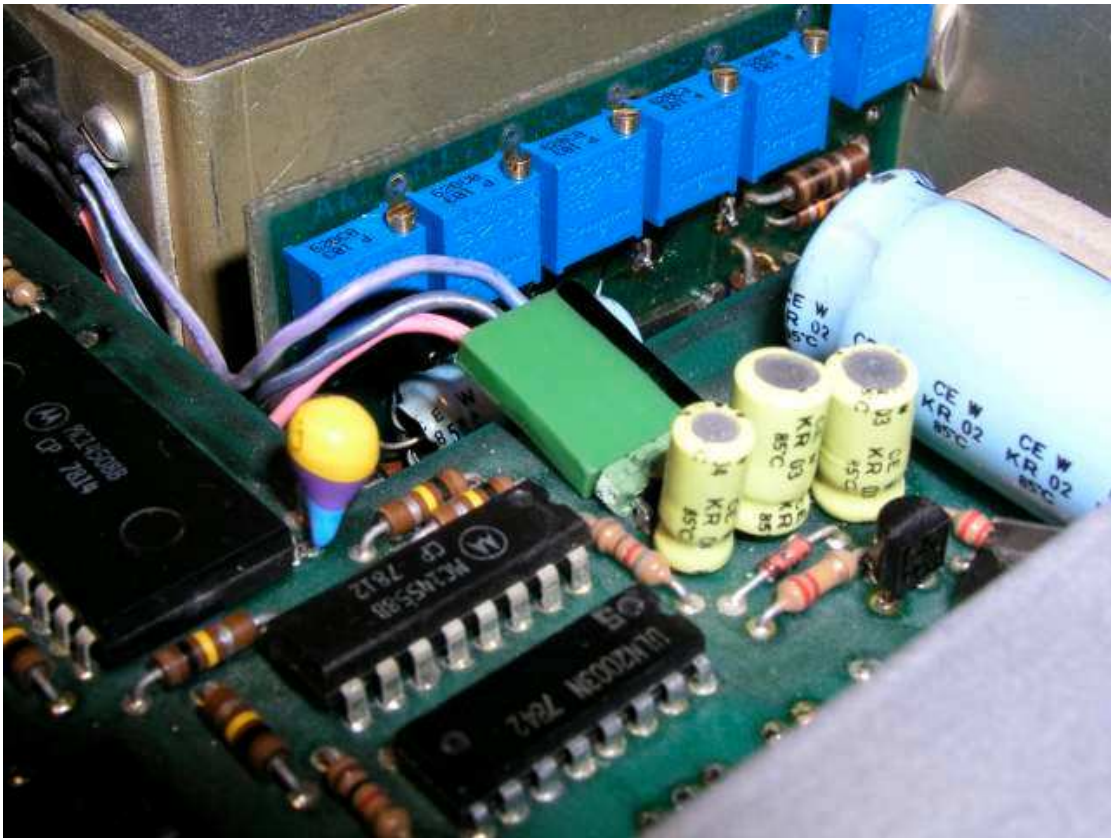
The housing (receptacle) and the spring-contact is series MODU IV.  
The pinhead is MODU II; they are bended rectangular from factory and should be bended „back“ a little bit to avoid mechanical contact with other components on the PCB – see pictures..

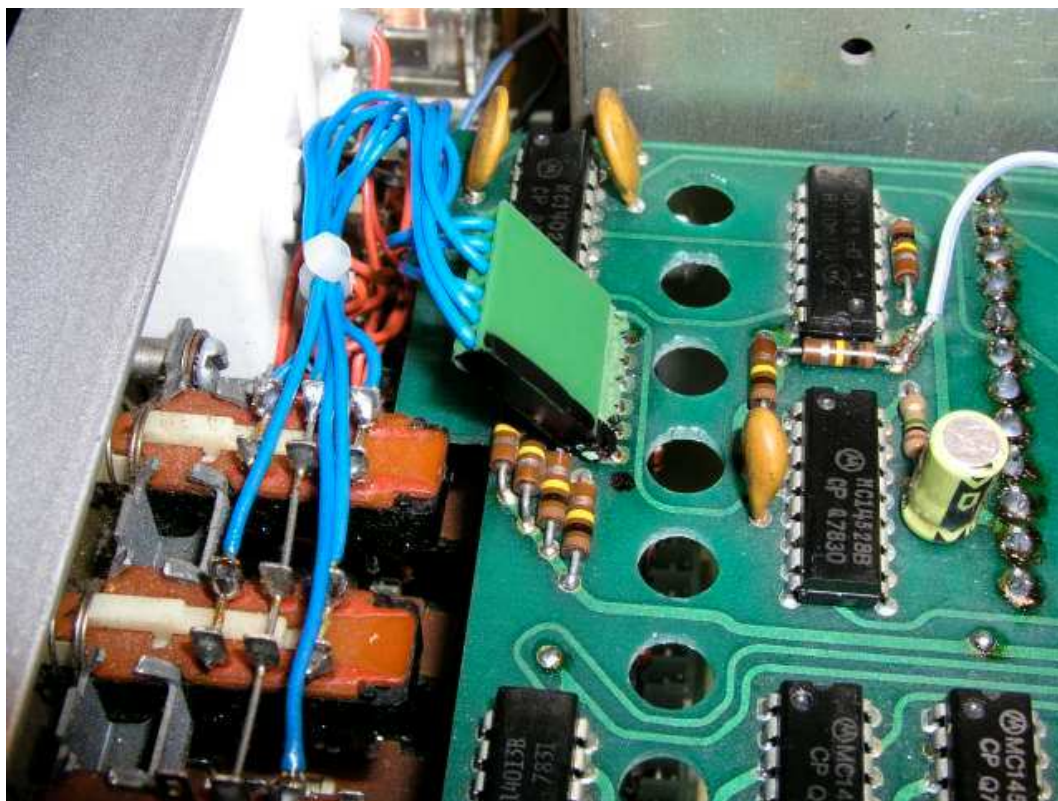
For producing good contacts, you need a special crimping tool.

With this tool, it's also possible to make a good contact for the shielding of the coaxial cable for the external counter connection.

Following pictures show more than thousand words can tell.....:







This modification can be done for all DR-7's in a TR-7 or R-7..

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