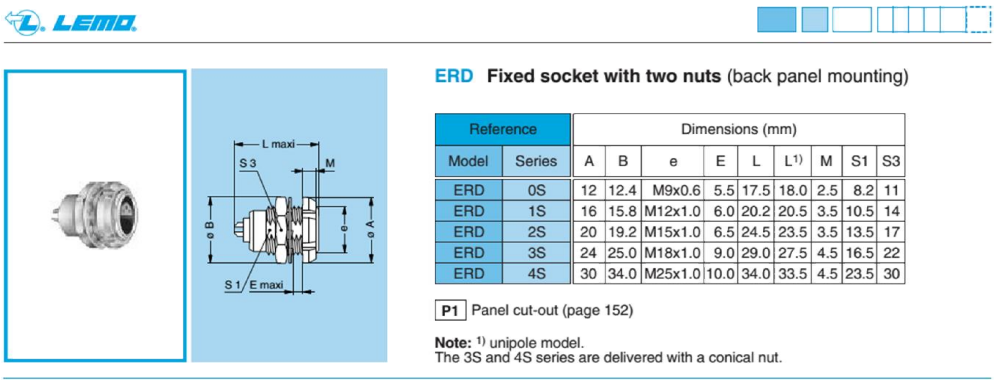
Option 06 (CTT) to Option 09 (CTT and WR) Word Recognize Output
Option 1E (CTT with EFR) External Frequency Reference Input
Upgrade

After the purchase of my Tektronix 2467B (Before B050000 SN), I considered upgrading the option 06 to option 09. Could it be just adding the connectors and cable to complete the upgrade? As it turned out, this was exactly all that was needed. You will need two connectors for the back, one six pin Lemo (I used my spare) and a chassis mount BNC (Removed from old Tektronix panel).

Mouser:	565-3778, RF Connectors / Coaxial Connectors FEM BNC ISOL GND
Mouser:	736-ERD1S306CLL, Circular Push Pull
Tektronix:	Header plugs with wires from your Tek junk spares.



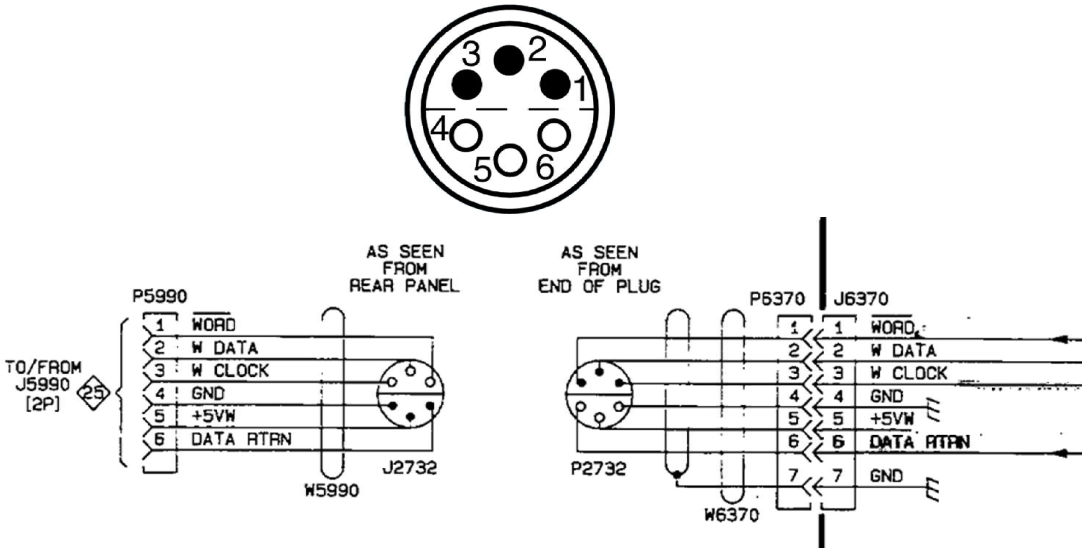
ERD Fixed socket with two nuts (back panel mounting)

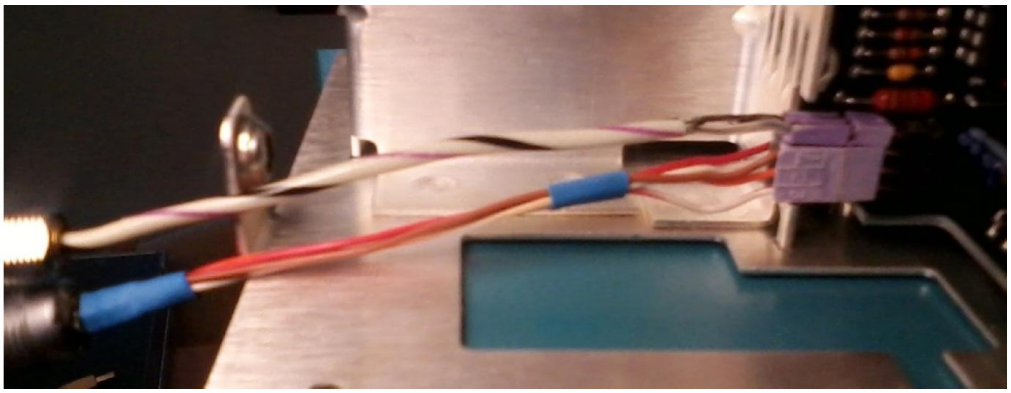
Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L1)	M	S1	S3
ERD	0S	12	12.4	M9x0.6	5.5	17.5	18.0	2.5	8.2	11
ERD	1S	16	15.8	M12x1.0	6.0	20.2	20.5	3.5	10.5	14
ERD	2S	20	19.2	M15x1.0	6.5	24.5	23.5	3.5	13.5	17
ERD	3S	24	25.0	M18x1.0	9.0	29.0	27.5	4.5	16.5	22
ERD	4S	30	34.0	M25x1.0	10.0	34.0	33.5	4.5	23.5	30

P1 Panel cut-out (page 152)

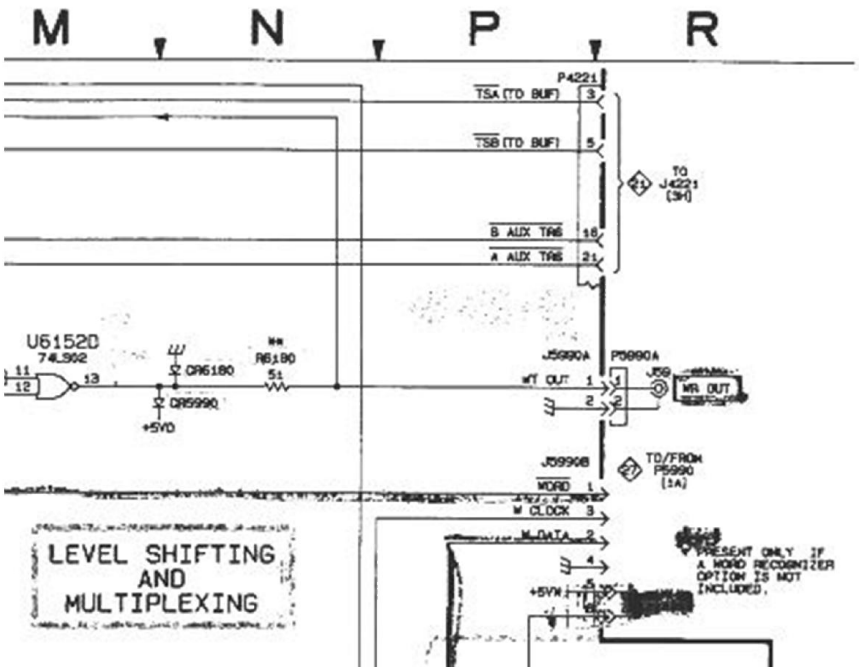
Note: 1) unipole model.
The 3S and 4S series are delivered with a conical nut.

http://www.mouser.com/Search/ProductDetail.aspx?R=ERD.1S.306.CLLvirtualkey64510000virtualkey736-ERD1S306CLL

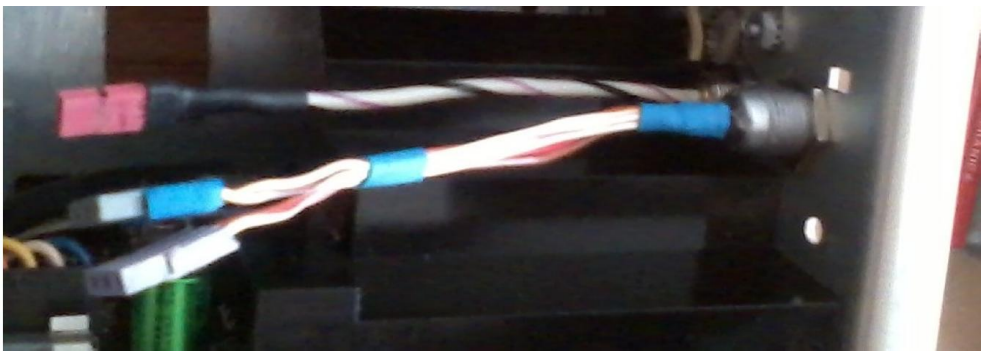




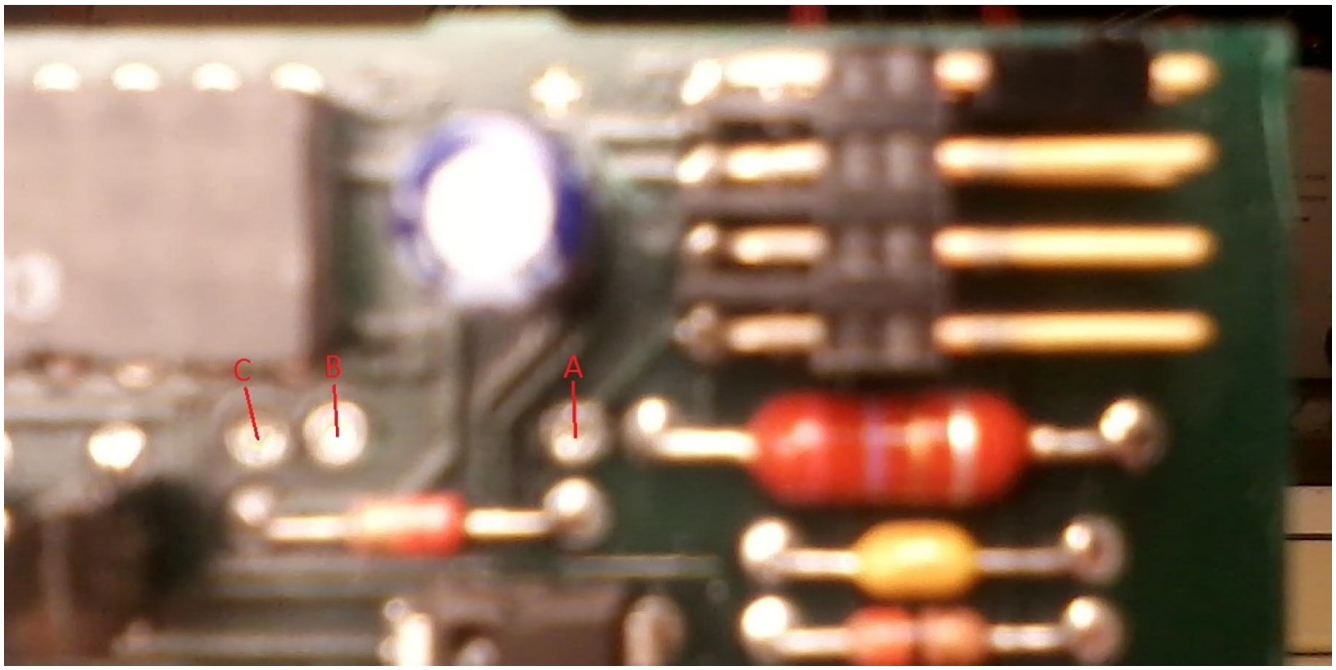
Wire alternates between header plug if Lemo plug is wired in order. Be sure to audit wiring with meter or bad things may happen! Measure connected to PCB, pin sequence alternates on this connector. My PCB has pin number 5 labeled on the board.



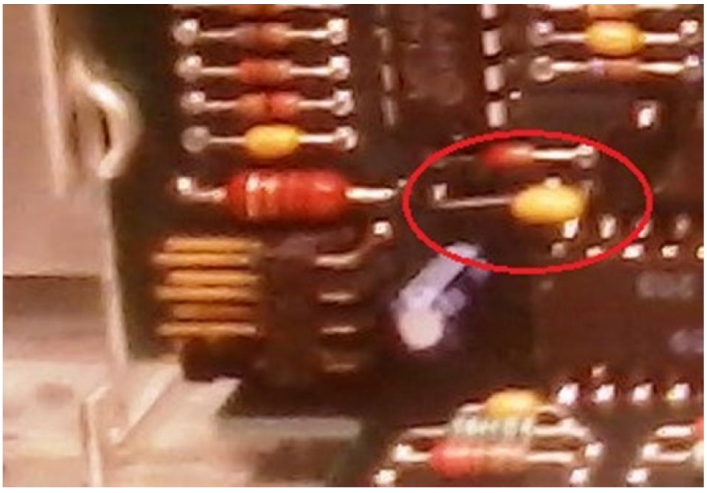
Sorry for bad print, someone scribbled on it.

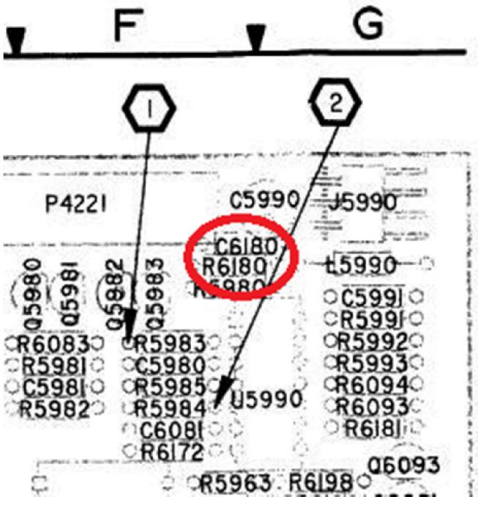


You will need to drill out the back cover for connector access.

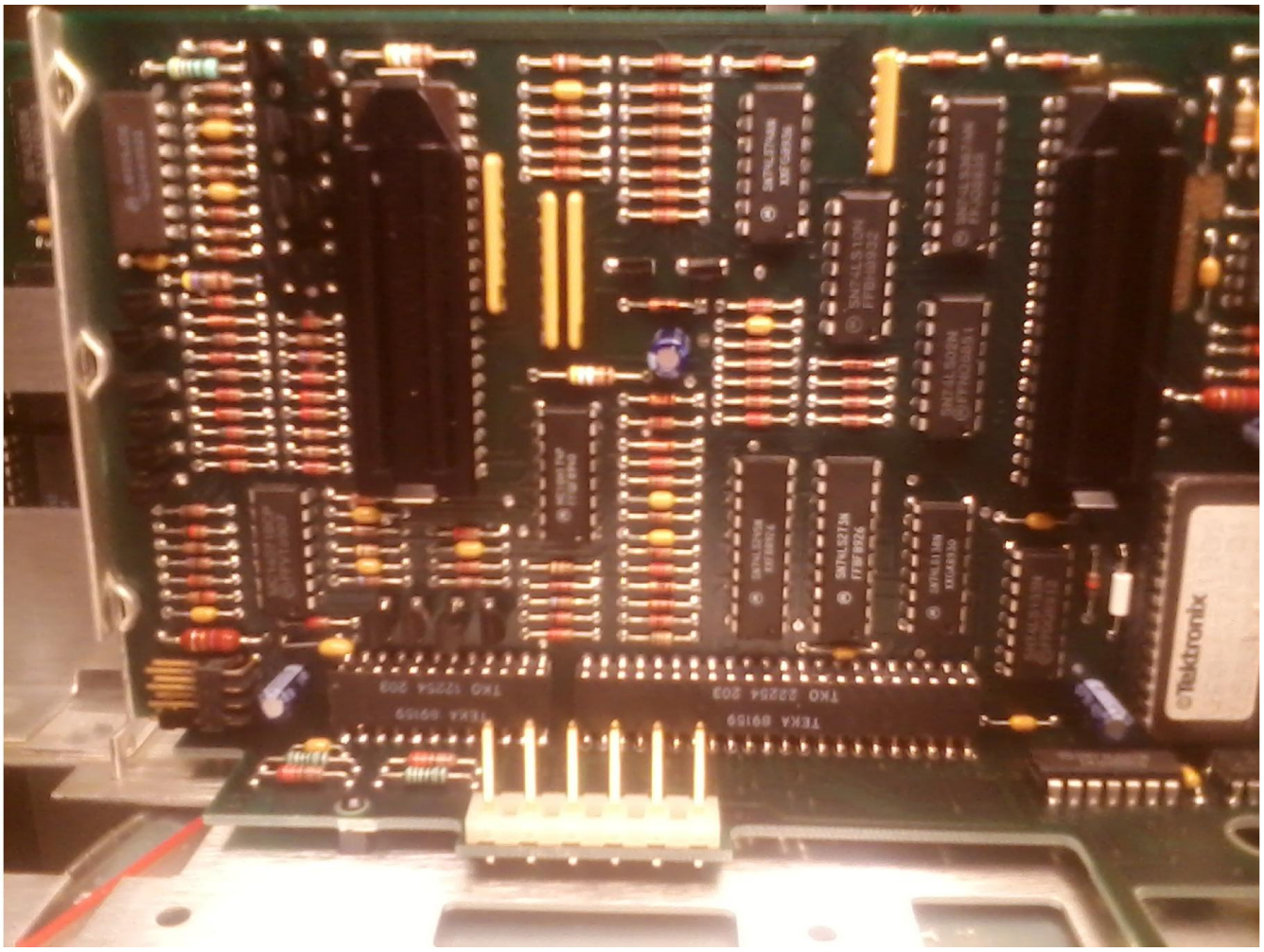


Install capacitor C6180 between ‘A’ and ‘C’ for Option 09 (Option 1E CTT with EFR).
Install resistor R6180 between ‘A’ and ‘B’ for Option 09 (CTT and WR).
Resistor R6180 is pre-installed with Option 06 (CTT).





External frequency reference input, Option 09 (Option 1E CTT with EFR) installed.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