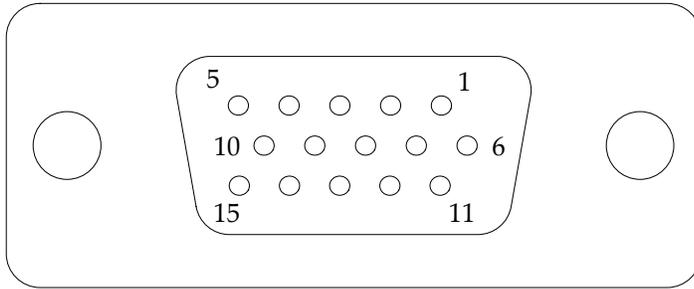


D-sub 15 female connector



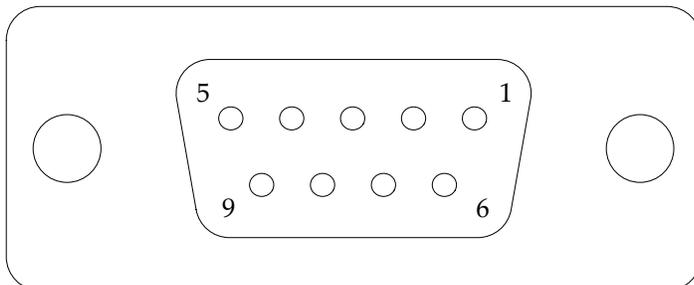
Pin	Connection
1	PZT +
2	LD +
3	LD -
4	PD +
5	GND (current supply ground)
6	PZT -
7	AD590 +
8	AD590 -
9	Not used
10	PD -
11	Thermistor +
12	Thermistor -
13	TEC +
14	TEC -
15	Not used

So far, we have been wiring a 3 to 1 splitting cable which joins the temperature controller, current controller, and PZT signal onto a single, 15 pin connection.

When making this cable, remember to connect the current supply ground to the cable shielding as well as the shell of the D-sub 15 connector on the laser.

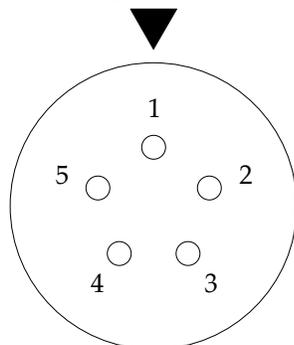
The temperature and current controller pinouts are included below for convenience.

D-sub 9 female connector



Pin	Connection
1	Thermistor +
2	Thermistor +
3	Ground (not used...for LM35)
4	TEC -
5	TEC +
6	Thermistor -
7	Thermistor -
8	AD590 +
9	AD590 -

LEMO RED1 female connector (arbitrary pin numbering)



Pin	Connection
1	Ground
2	Laser Diode +
3	Laser Diode - (ground on PCB)
4	Photodiode -
5	Photodiode + (ground on PCB)