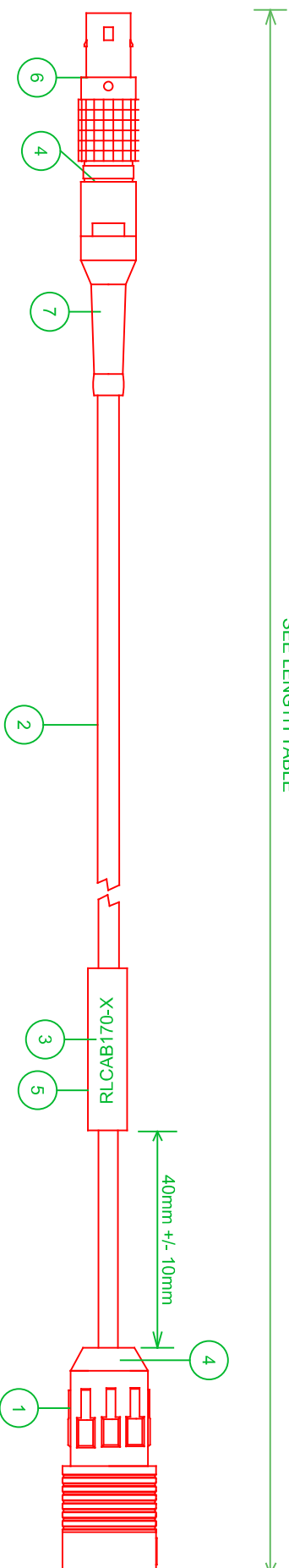
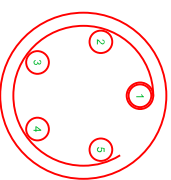


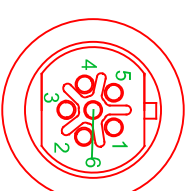
SEE LENGTH TABLE



- NOTES:
- Strip back the cable jacket to a suitable length on the LEMO end of the cable.
 - Connect the LEMO as per the connection table, insulate all joints with item 4.
 - Feed a 30mm piece of item 5 over the cable (do not shrink this down yet).
 - See page 2.



WIRE ENTRY
FGG.0B.305.CLAD52Z



WIRE ENTRY
HIROSE

BILL OF MATERIALS

Item	Qty	Manufacturer	Manufacturer PN	Description	Racelogic PN
1	1	Hirose	HR30-6P-6P	6 Way Hirose Plug	142-5745
2	A/R	-	-	7-2-6S Black Cable	-
3	1	Avery	J8658-26	Cable Ident 25.4mm x 10mm	
4	A/R	PRO-POWER	SP3X15/5/BLACK	Heatshrink 1.5mm 3:1	119-1021
5	30mm	PRO-POWER	CGFC-6/2C	Heatshrink Clear 6mm 3:1	304-6539
6	1	LEMO	FGG.0B.305.CLAD52Z	LEMO 5W CABLE PLUG	LEMO 5W P
7	1	LEMO	GMA.0B.045.DN	LEMO BLACK STRAIN BOOT	GMA.0B.045DN

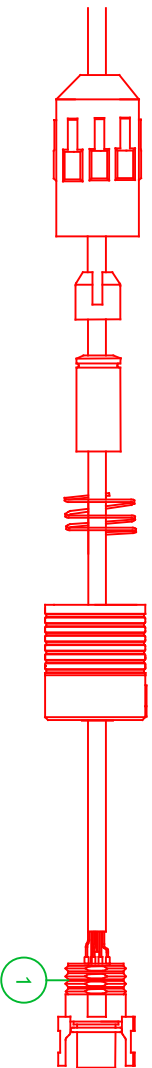
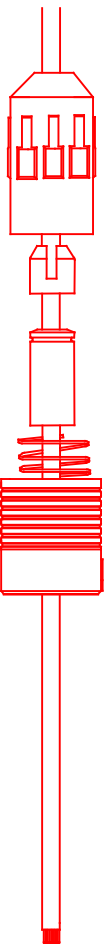
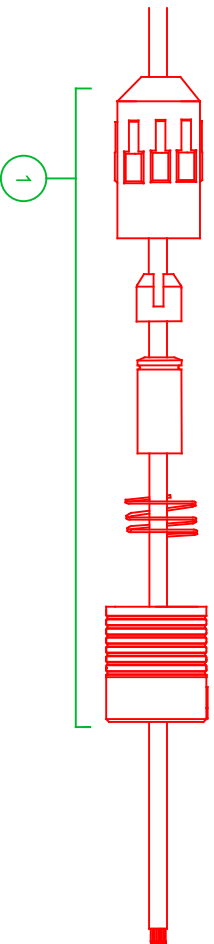
Connection Table

LEMO	Function	Colour	Hirose
1	TX232 (LEMO)	Yellow	1
2	RX232 (LEMO)	Green	2
3	CAN H	Blue	5
4	CAN L	White	4
5	V RAW	Red	6
Shell	GND	Black	3

LENGTH TABLE

CABLE NAME	LENGTH	TOLERANCE
RLCAB170	2m	+/- 20mm
RLCAB170-025	0.25m	+/- 20mm

DRAWING NUMBER	RLCAB170-X	DRAWN	H.HUSSAIN	SHEET	1/2
DESCRIPTION	6W HIROSE TO 5W LEMO PLUG				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	LENGTH VARIANT TABLE ADDED	17-09-24	SH	23912	



-Strip and tin 3mm from each wire.

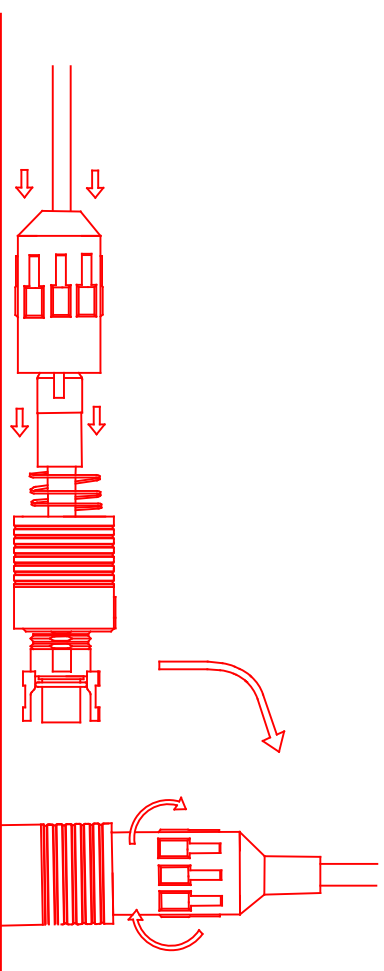
-Assemble the connector parts on the cable in the order and orientation shown .

-Solder connector on as per the connection table insulate all joints with item 4.

-Slide connector components together and tighten as appropriate.

-Fit the RLCAB170-X label (item 3) so that it reads from the Hirose end of the cable to the LEMO end.

-Slide the length of item 5 over the label (item 3) and shrink item 5.



DRAWING NUMBER	RLCAB170-X	DRAWN	H.HUSSAIN	SHEET	2/2
DESCRIPTION	6W HIROSE TO 5W LEMO PLUG				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	LENGTH VARIANT TABLE ADDED	17-09-24	SH	23912	