



**WIRE ENTRY**  
PHG.0B.302.CLLD.52Z

**WIRE ENTRY**  
FGG.0B.305.CLAD52Z

**Note 1:**  
- Insulate solder joints with heatshrink (item 6)

**Note 2:**  
- Wire lengths to be 200mm +/- 10mm  
- Cut overlength and twist

**BILL OF MATERIALS**

ITEM	QTY	SUPPLIER	SUPPLIER PN	DESCRIPTION	RACELOGIC PN
1	2	LEMO UK	FGG.0B.305.CLAD52Z	LEMO 5 WAY PLUG	LEMO 5WAY P
2	1	G&B Projects	NS20-53	M5 x 20 Nylon Spacer	M5 x 20 Spacer
3	50mm	TE CONNECTIVITY	CGAT-9/3-0	Heatshrink 9/3 3:1 Adhesive Lined	157-3802
4	A/R	CAMBERTRONICS	637-038	7-2-6S WIRE GREY - 6 CORE + SCREEN	019745F
5	1	AVERY	J8658-25	25.4 x 10mm LABEL + CABLE IDENT	J8658-25
6	30mm	FARNELL	3046539	CLEAR HEATSHRINK 6mm 3:1	304-6539
7	A/R	FARNELL	1191021	HEATSHRINK 1.5/0.5 BLACK	119-1021
8	1	LEMOUK	PHG.0B.302.CLLD52Z	LEMO 2 WAY CABLE MOUNT SOCKET	LEMO 2WAY SC
9	200mm	FARNELL	435-168	WIRE - RED 7/32	435-168
10	200mm	FARNELL	2290785	WIRE - BLACK 7/32	435-107
11	A/R	FARNELL	100-8442	HEATSHRINK 3.2/1.6 BLACK	119-0793
12	1	LEMO UK	GMA.0B.030 DN	LEMO BLACK STRAIN BOOT	GMA.0B.030 D
13	2	LEMO UK	GMA.0B.035 DN	LEMO BLACK STRAIN BOOT	GMA.0B.035 D

**CONNECTOR WIRING**

2 WAY SOCKET		5 WAY PLUG			5 WAY PLUG		
PIN	FUNCTION	COLOUR	PIN	FUNCTION	COLOUR	PIN	
-	-	-	1	VBOX RS232 TX	YELLOW	1	
-	-	-	2	VBOX RS232 RX	GREEN	2	
-	-	-	3	CAN H	BLUE	3	
-	-	-	4	CAN L	WHITE	4	
1	POWER	RED	5	POWER	RED	5	
2	GND	BLACK	SHELL	GND	BLACK	SHELL	
-	-	-	N/C	N/C	SCREEN	N/C	

DRAWING NUMBER	RLCAB218	DRAWN	H.HUSSAIN	SHEET	1/1
DESCRIPTION	LEMO 5W TO LEMO 5W + LEMO 2W SOCKET				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
1	FIRST ISSUE	22/02/23	SH	20772	