



CONNECTOR WIRING	
2 WAY P	COLOUR
PIN 1	WHITE OR RED
PIN 2	SCREEN

ITEM	QTY	SUPPLIER	PART NUMBER	DESCRIPTION
1	1	LEMO	FGG.0B.302.CLAD52Z	LEM0 2 WAY P
2	1	LEMO	GMA.0B.045.DG	LEM0 GREY SLEEVE
3	1	SUNPOWER	EA10681B-12-EVT	SUNPOWER 12V 5A PSU
4	A/R	FARNELL	119-1021	HEATSHRINK 3:1 1.5mm BLACK
5	A/R	FARNELL	100-8433	HEATSHRINK 2:1 6.5mm BLACK
6	A/R	FARNELL	100-8430	HEATSHRINK 2:1 3.2mm BLACK

NOTES:

- REMOVE THE ORIGINAL CONNECTOR FROM ITEM 1 LEAVING AS MUCH CABLE AS POSSIBLE, THIS LEAVES A DISTANCE OF 8-10mm BETWEEN FERRITE & LEMO BOOT (ITEM 2)
- STRIP BACK OUTER INSULATION AND COVER TRANSITION WITH A SUITABLE LENGTH OF ITEM 5.
- LEAVING 10mm OF EXPOSED WIRES, TWIST TIN & COVER BRAID WITH 8mm OF 1.5mm HEATSHRINK (ITEM 4)
- FIT LEMO (ITEM 1) & FIT LEMO BOOT (ITEM 2) (INSULATE JOINTS WITH ITEM 4 & 6, AS APPROPRIATE)

DRAWING NUMBER	RLVBACS020	DRAWN	S.HOOPER	SHEET	1/1
DESCRIPTION	MAINS POWER SUPPLY - LEMO 2 WAY PLUG				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	CHANGE TO LEMO CONNECTOR BOOT	12-05-21	BS	17051	