



BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	MANUFACTURER P/N	DESCRIPTION	RACELOGIC P/N
1	1	LEMO	FGG.0B.302.CLAD52Z	LEMO 2 WAY PLUG	LEMO 2WAY P
2	1	DSD TECH	SH-CP12A / 12B	USB TYPE C PD TO DC POWER CABLE 12V	SH-CP12A / 12B
3	1	LEMO	GMA.0B.035.DN	LEMO BLACK SLEEVE 3.5MM - 3.9MM	GMA.0B.035.D
4	A/R	FARNELL	1191021	BLACK HEATSHRINK 1.5MM 3:1	119-1021
5	A/R	FARNELL	1008431	BLACK HEATSHRINK 4.8MM 2:1	100-8431
6	30mm	PRO-POWER	CGFC-6/2-X	CLEAR 6mm HEATSHRINK 3:1	304-6539
7	1	AVERY	J8658-25	25.4 x 10mm CABLE IDENT	J8658-25

NOTES:

CUT THE DC BARREL JACK FROM (ITEM2) AT ITS BASE TO PRESERVE THE REQUIRED CABLE LENGTH.
STRIP THE INSULATION TO EXPOSE THE BARE WIRES. CAREFULLY REMOVE THE WHITE IDENTIFICATION SLEEVE FROM THE USB-C END.
WIRE UP ALL THE CONNECTORS AS PER THE CONNECTION TABLE.
INSULATE ALL SOLDER JOINTS WITH HEATSHRINK (ITEM 4).
USE HEATSHRINK (ITEM 5) TO PACK OUT THE 2-WAY CONNECTOR COLLETS.
THE 2-WAY CONNECTOR SUPPLIED WITH THE CABLE IS NOT REQUIRED AND CAN BE DISCARDED.

CONNECTION TABLE

	LEMO 2W	WIRE
FUNCTION	PIN	COLOUR
POWER	1	RED
GROUND	2	BLACK

RACELOGIC

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	NAME	DATE
DRAWN	D.KOZYRA	23/10/25
CHK'D	R.ENGLISH	23/10/25
APPV'D	S.HOOPER	23/10/25

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETRES
TOLERANCES: LINEAR: $\pm 10\text{mm}$ ANGULAR: $\pm 10^\circ$

DWG NUMBER :

RLCAB249

DESCRIPTION :

USB-C to 2W LEMO PLUG - POWER CABLE

REDMINE NUMBER :

26277

REVISION

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IF YOU ARE UNSURE ABOUT SOMETHING OR WOULD LIKE TO DEVIATE FROM THE DRAWING TO EASE MANUFACTURE, PLEASE CONTACT THE DESIGNER (DRAWN BY)

A4

DRAWING NOT TO SCALE

SHEET 1 OF 1