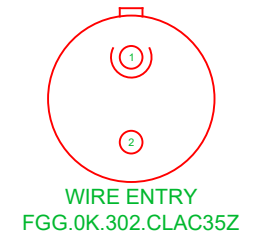


**Notes:**

- Cut back screen and drain from cable at both ends so they do not short
- Ensure that the LED positive leg is soldered to the spring.
- Pass the cable through the grommet and solder the black wire to the spring terminal opposite to the resistor.
- Pass the red wire through the spring and solder to the solder tag.
- Fit a small cable tie over cable to prevent the cable from being pulled back through the grommet.
- Ensure that the label reads from the Lemo end and that the heatshrink is not jagged.
- Fit item 7 under Lemo collet.



**BILL OF MATERIALS**

ITEM	QTY	SUPPLIER	PART NUMBER	DESCRIPTION
1	1	PRO POWER	PP01007	3A CIGAR CONNECTOR WITH LED
2	1	-	-	SMALL CABLE TIE
3	A/R	BELDEN	529-187	2 CORE BELDEN CABLE 8451 BLACK
4	1	AVERY	J8658-25	CABLE IDENT ON 25.4 x 10mm LABEL
5	1	PRO POWER	15037	30mm HEATSHRINK
6	1	LEMOUK	GMA.0B.030.DN	BLACK LEMO SLEEVE
7	A/R	PRO POWER	13636	BLACK 4.8mm 2:1 HEATSHRINK
8	A/R	PRO POWER	SP3X15/5/BLACK	HEATSHRINK 1.5/0.5
9	1	LEMOUK	FGG.0K.302.CLAC35Z	2 WAY LEMO 0K SERIES PLUG

CONNECTOR WIRING			
CIGAR			2 WAY LEMO
PIN	WIRE	FUNCTION	PIN
CENTRE	RED	POWER	1
CHASSIS	BLACK	GROUND	2

DRAWING NUMBER	RLCAB137	DRAWN	B.SELBY	SHEET	1/1
DESCRIPTION	MINING SYSTEM CIGAR POWER CABLE - 3M				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	CIGAR PLUG CHANGED	01-11-21	SH	17969	