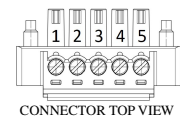
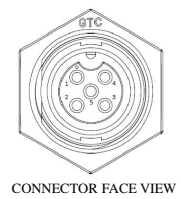
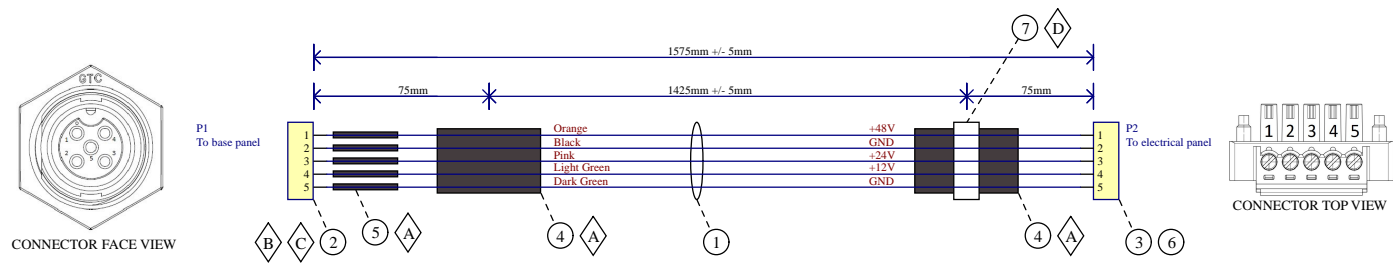


REV	ENG	DATE	CHANGE DESCRIPTION
B	DL	2019-04-09	INITIAL RELEASE

BILL OF MATERIALS						
ITEM	CPR NO.	DESCRIPTION	MANUFACTURER	PART NO.	QTY	UOM
1	N/A	Cable - 5C#16, Black, SCOW	Carol Cable	09605-3	1575	mm
2	N/A	Connector - C3 Series, Female, 5 Position	USBFineWire	RR-15320-03050	1	EA
3	N/A	Connector - Combricon Series, Female, 5 Position	Phoenix Contact	1827732	1	EA
4	N/A	Heat Shrink Tubing - Black, 2-1 ratio, 3/4"	Qualtek	Q2-F-3/4-01-MS50FT	2x25	mm
5	N/A	Heat Shrink Tubing - Black, 2-1 ratio, 3/16"	Qualtek	Q2-F-3/16-01-MS100FT	5x13	mm
6	N/A	Ferrule - 16AWG, Black	TE Connectivity/AMP	L-966067-2	5	EA
7	N/A	Label - Cartridge, Back/Clear, Polyester, 1"	Brady	M-75-461	1	EA

SPECIFIED TOOLING REQUIREMENTS		
DESCRIPTION	MANUFACTURER	PART NO.
Hand crimping tool	TE Connectivity/AMP	539660-1

TOOLING REQUIREMENTS ARE MANDATORY AND MUST BE CLEARED BY CLEARPATH ROBOTICS ENGINEERING BEFORE CHANGING



- A ALL HEATSHRINK TUBING WILL COVER TRANSITIONS BETWEEN OUTER JACKETING TO INNER SLEEVING AND/OR DISCRETE WIRES
- B HEATSHRINK TUBING SHALL BE USED WHEN TERMINATING ALL CONTACTS IN 5POS CONNECTOR (2)
- C TERMINALS ARE SOLDERED/CLEANED TO CLASS 3 (IPC SPECIFICATIONS) BEFORE BEING COVERED WITH HEAT SHRINK TUBING
- D LABEL TO BE MARKED ONLY WITH 6-DIGIT ITEM NUMBER

CONNECTION TABLE								
ITEM	PIN NO.	CONTACT ITEM	WIRE ITEM	WIRE COLOUR	WIRE SIGNAL	ITEM	PIN NO.	CONTACT ITEM
2	1	N/A	1	Orange	+48V	3	1	6
	2			Black	GND		2	
	3			Pink	+24V		3	
	4			Light Green	+12V		4	
	5			Dark Green	GND		5	

PROPRIETARY AND CONFIDENTIAL

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DESIGNED	Jason Berringer	DATE	2019-04-09	ITEM DESCRIPTION PWR - BASE TO L-ELEC. PANEL CABLE ASSY.
DRAWN	Dana Leslie	DATE	2019-04-09	
CHECKED	*	DATE	*	
APPROVED	*	DATE	*	
APPROVED	*	DATE	*	
LAST MODIFIED		2019-04-09		ITEM NUMBER
SIZE	B	DO NOT SCALE	NOT TO SCALE	SHEET 1 OF 1
			014673	REV. B