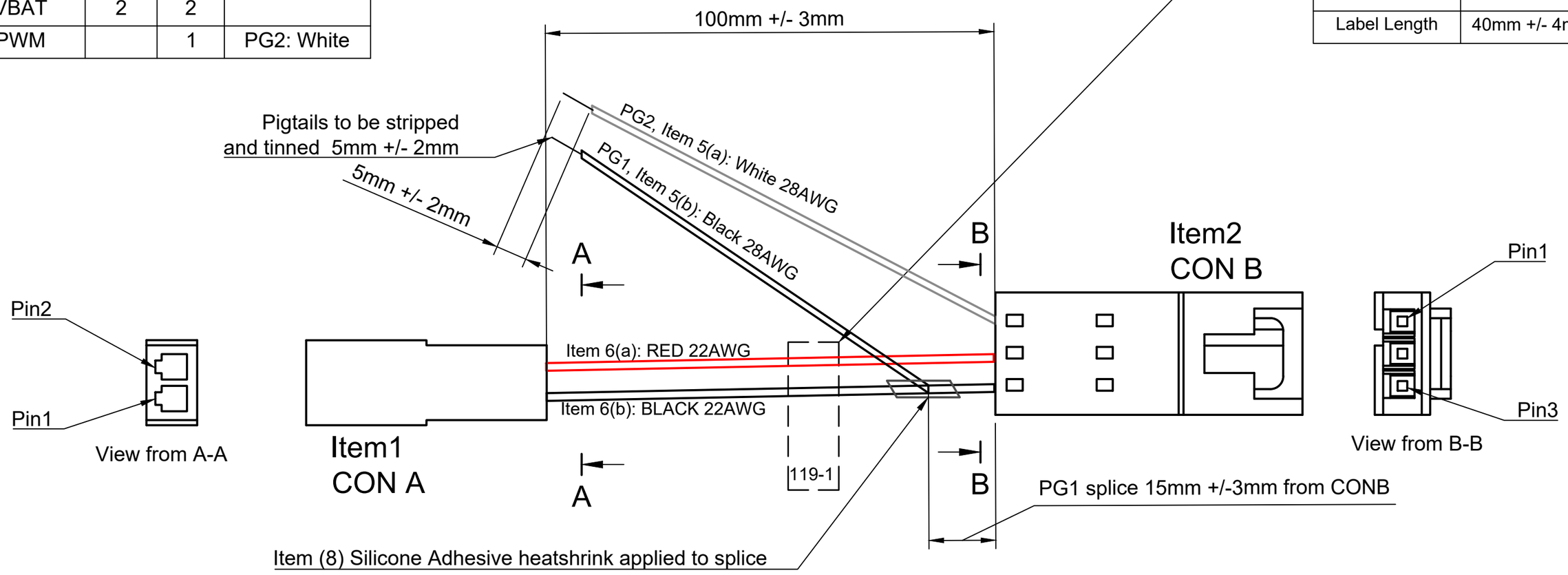
Pinout			
Signal	**CON A**	**CON B**	**Pigtail Leads (PGx)**
GND	1	3	PG1: Black
VBAT	2	2	
PWM		1	PG2: White

Label Specification (Item 7)	
Text	119-1
Text Color	Black
Label Color	Silver or White
Label Width	9mm +/- 2mm
Label Length	40mm +/- 4mm



PARTS LIST (NO SUBSTITUTIONS FOR LISTED MPNs UNLESS APPROVED BY MODALAI)			
ITEM #	DESCRIPTION	MPN	QTY
1	CON A: JST 2.5MM RECEPTACLE HOUSING, 2-POS, RED	SYR-02T	1
2	CON B: MOLEX 2.54MM PLUG HOUSING, 3-POS	070107-0002	1
3	Terminal JST RCY Series, Pin Contact, 22-28AWG	SYM-001T-P0.6	2
4	Terminal Molex SL Male Pin 15um Gold, 22-24AWG	16-02-0081	3
5(a)(b)	White (5a), Black (5b) Silicone cable, 28AWG, Lengths as noted, Pigtail Leads = Stripped & Tinned		1 ea.
6(a)(b)	Red (6a), Black (6b), Silicone Cable, 22AWG, Lengths as noted		1 ea.
7	Label, see label specs above, do not cover with heatshrink		1
8	Silicon Heatshrink (adhesive lined), applied to splice where noted		As Needed

Pigtail & Cable Lengths (+/- 3mm):

- PG1: 85mm after splice
- PG2, 100mm
- CONA to CONB: 100mm

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MODAL AI ROBOTIC PERCEPTION	Document type: NF_CABLE_DWG	Document status:
	Title: LED Bar Cable PWM Pigtails SYR + SL, 100mm	DWG No.: MCBL-00119-1
		Rev.: A / Revision Date: 10/17/2024 / Sheet: 1