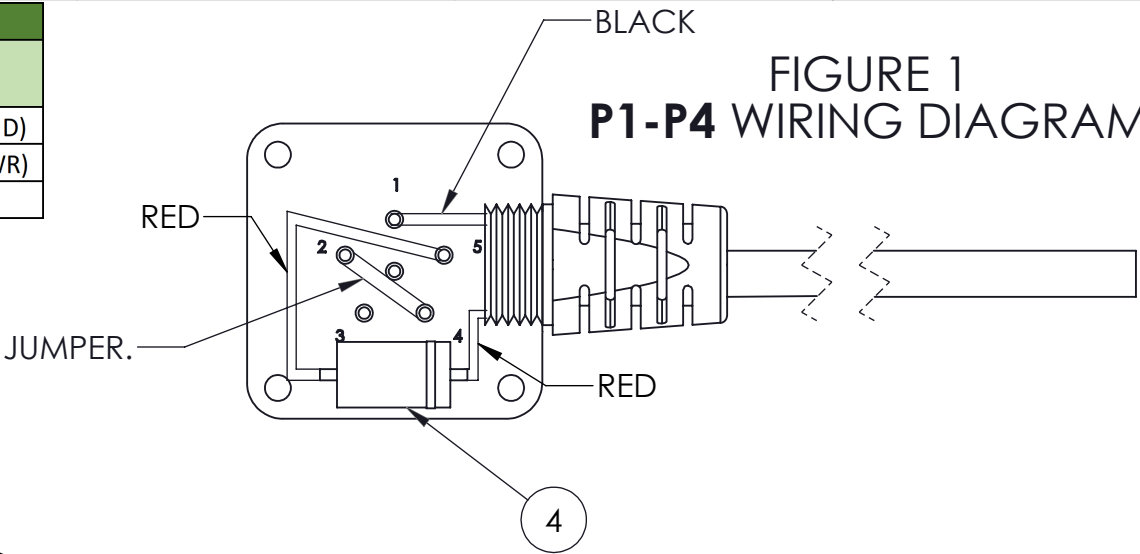
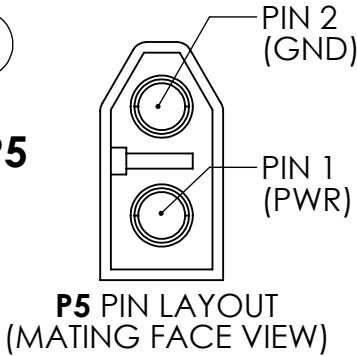
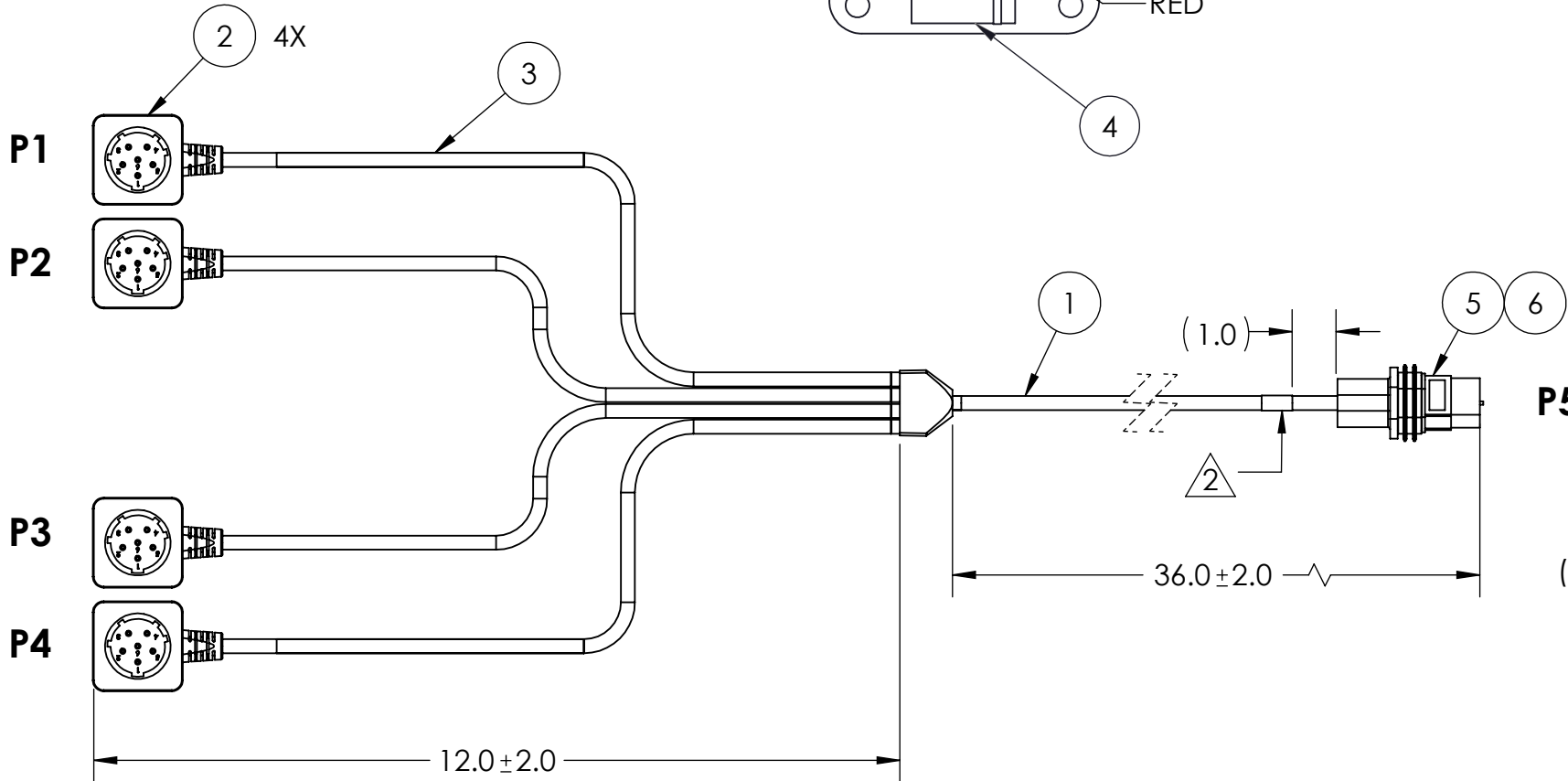
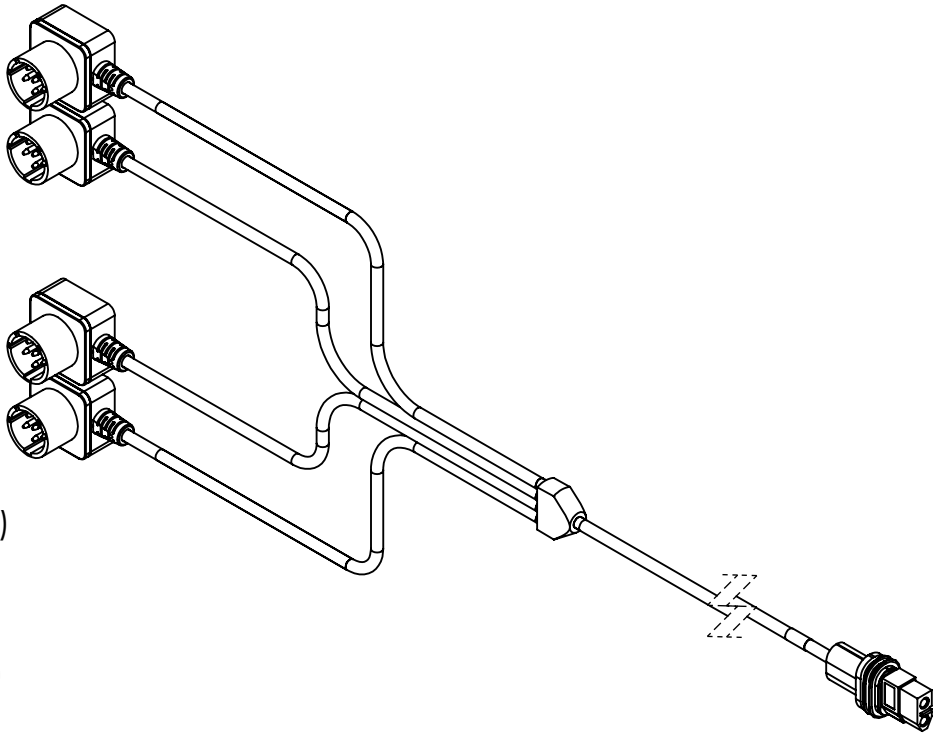


TABLE 1: WIRE RUN LIST			
P1, P2, P3, P4	WIRE COLOR (ITEM 3)	WIRE COLOR (ITEM 1)	P5
1	BLACK	BLACK	PIN 2 (GND)
5	RED	RED	PIN 1 (PWR)
2,4	JUMPED		



REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	03/24/2026	CWA
B	UPDATED BOM, ITEM NO. 6	08/26/2026	CWA



NOTES:

1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.

2. MARKING REQUIREMENTS:

A. LABEL(S) SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 APPLICABLE.

B. LABEL(S) SHALL BE WHITE WITH BLACK TEXT.

C. LABEL(S) SHALL BE PLACED WHERE SHOWN IN DRAWING.

D. HEAT SHIRNK LABEL(S) TO BE USED.

E. LABEL(S) SHALL BE MARKED WITH THE BELOW INFORMATION ONLY. REV MARKING PER PO.

(YYYY = YEAR OF MFG, MM = MONTH OF MFG, DD = DAY OF MFG, XXXXX = PO NUMBER)

PN: SN-309-STR REV. X

CAGE: 1HJX9

LOT: TYYYYMMDDPXXXXX

3. PACKAGING REQUIREMENTS:

A. EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.

B. CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.

C. POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE,

AND LOT NO, PER SN-STD-LBL REQUIREMENTS.

4. WORKMANSHIP REQUIREMENTS:

A. MANUFACTURE TO IAW/WHMA A-620 CLASS 2 REQUIREMENTS.

B. SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.

C. CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.

5. INSPECTION REQUIREMENTS:

A. EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)

B. INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.

BILL OF MATERIALS

ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	182C-V02B	38.0"	CABLE: AWG 18, 2C, .197 DIA.
2	CONN-BA5590-MT	4	BA-5590 MALE CONNECTOR, WITH 8MM THREADED HOLE
3	202C-U07A	56.0"	CABLE: AWG 20, 2C, .181 DIA.
4	SBM1060LSS_AY_00001	4	DIODE, 60V, 10A
5	XT60H-F	1	STARLINK ADVANCED POWER CONNECTOR, FEMALE
6	TBD	1	STARLINK CONNECTOR STRAIN OVERMOLD

REF. NUMBER: SN1505

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SupplyNet		DESIGN ENGINEERING MANUFACTURING		
DIMENSIONS ARE IN: INCHES		DRAWN	CWA02/19/2026		TITLE: BA5590 4 WAY, 24V, SPLITTER CABLE TO STARLINK CONNECTOR			
TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005		CHECKED	RB 02/19/2026					
ANGULAR: .X°: 1° .XX°: 0.5°		COMMENTS:						
BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH:								
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.			SIZE	DWG. NO.		REV
MATERIAL: SEE DRAWING NOTES					B	SN-309-STR		B
FINISH: SEE DRAWING NOTES								
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9			SCALE: NA	WEIGHT:		SHEET 1 OF 1