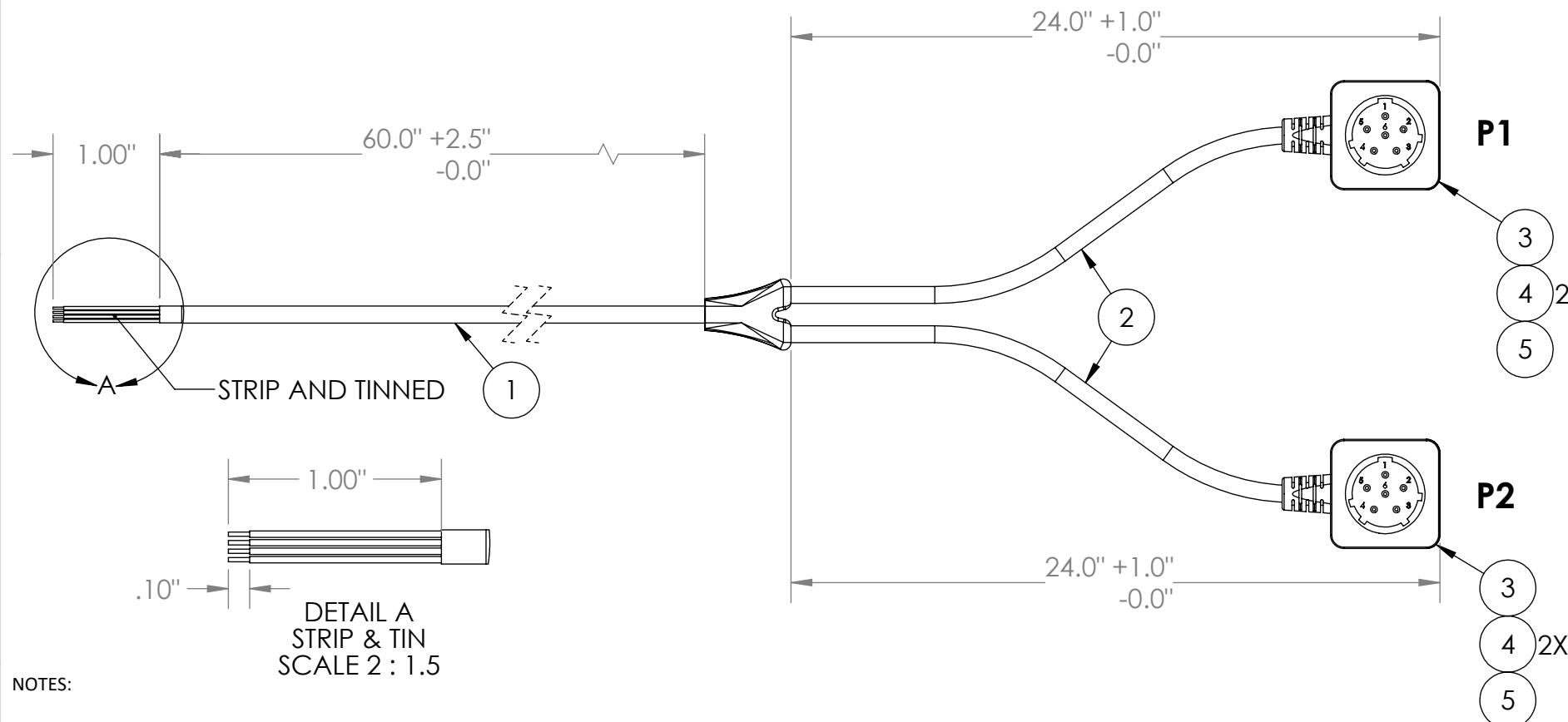


TABLE 1: WIRING

CONN-BA5590-MT (P1)	WIRE COLORS (ITEM #2)	CONN-BA5590-MT (P2)	WIRE COLORS (ITEM #2)	WIRE COLORS (ITEM #1)
1, 2	GREEN			BLACK
4	RED			RED
5				
		1, 2	GREEN	GREEN
		4	RED	WHITE
		5		

*DIODES ON PINS 4 AND 5



NOTES:

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

2. ITEM #3 (CONN-BA5590-MT) IS TO BE SEALED USING CYANOACRYLATE. REMOVE ALL EXCESS CYANOACRYLATE FROM OUTSIDE OF CONNECTOR.

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.

REVISIONS			
REV	DESCRIPTION	DATE	ENG
B	UPDATED DRAWING FORMAT, CHANGED DIODES USED, CHANGED WIRE COLORS	02/25/2019	LS
C	UPDATED NOTES & BOM	08/07/2024	CWA



BILL OF MATERIALS			
ITEM NO.	PART NO	QTY	NAME/DESCRIPTION
1	184C-V01A	62"	18AWG, 4C, 5.0MM OD
2	202C-V04A	50"	20AWG, 2C, 4.6MM OD
3	CONN-BA5590-MT	2	6 PIN MALE BA5590 CONN
4	SBM1060LSS_AY_00001	4	DIODE, 60V, 10A
5	SR:0024	2	8MM THREADED STRAIN RELIEF

REF. NUMBER: SN0623

DESIGN
ENGINEERING
MANUFACTURING

TITLE:
**BA-5590 SPLITTER CABLE
WIRED 12V, UNTERMINATED,
7 FOOT LENGTH**

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN: INCHES	DRAWN	LS	2/25/2019
TOLERANCES: XX: ± 0.03 XXX: ± 0.005	CHECKED	RB	2/25/2019
ANGULAR: X°: 1° XX°: 0.5°	COMMENTS:		
BREAK EDGES: .005 - .020	PROPRIETARY AND CONFIDENTIAL		
FILLETS: .005 - .020	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.		
SURFACE FINISH:	GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		
	MATERIAL: SEE DRAWING NOTES		
	FINISH: SEE DRAWING NOTES		
	DO NOT SCALE DRAWING		
	CAGE CODE: 1HJX9		

SIZE DWG. NO. REV
B SN-304-07 C

SCALE: NA WEIGHT: SHEET 1 OF 1