



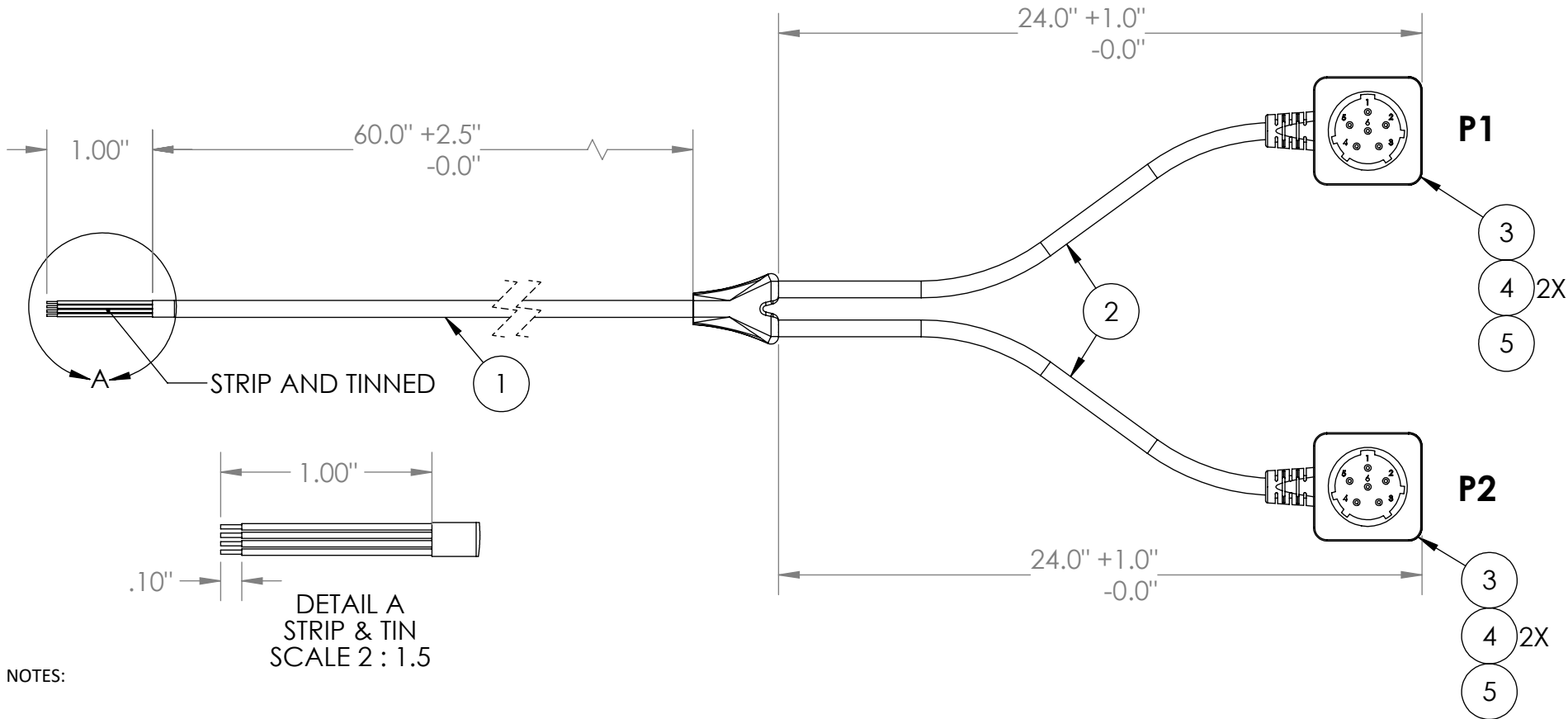


TABLE 1: WIRING				
CONN-BA5590-MT (P1)	WIRE COLORS (ITEM #2)	CONN-BA5590-MT (P2)	WIRE COLORS (ITEM #2)	WIRE COLORS (ITEM #1)
1, 2	GREEN			BLACK
4 	RED			RED
5 				
		1, 2	GREEN	GREEN
		4 	RED	WHITE
		5 		

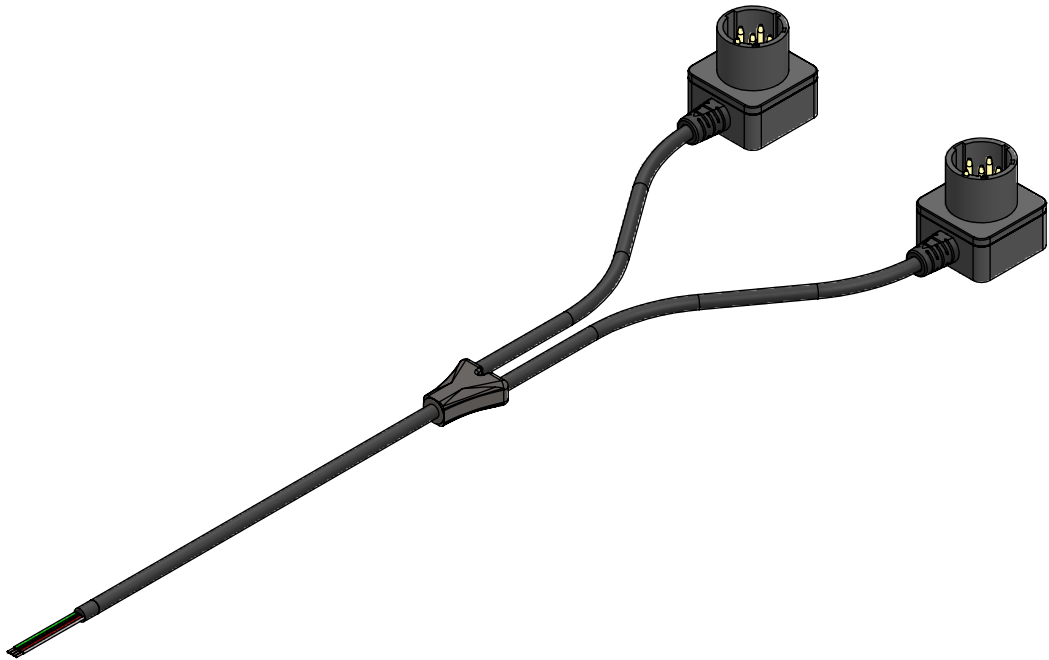
*DIODES ON PINS 4 AND 5





NOTES:

- WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
- ITEM #3 (CONN-BA5590-MT) IS TO BE SEALED USING CYANOACRYLATE. REMOVE ALL EXCESS CYANOACRYLATE FROM OUTSIDE OF CONNECTOR.
- PACKAGING REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
- WORKMANSHIP REQUIREMENTS:
 - MANUFACTURE TO IAW/WHMA A-620 CLASS 2 REQUIREMENTS.
 - SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.
 - CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.
- INSPECTION REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)
 - 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

UNLESS OTHERWISE SPECIFIED:		NAME	DATE				
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING	DRAWN	LS	2/25/2019	TITLE: BA-5590 SPLITTER CABLE WIRED 12V, UNTERMINATED, 7 FOOT LENGTH			
	CHECKED	RB	2/25/2019				
	COMMENTS:	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	
				B	SN-304-07	C	
	CAGE CODE: 1HJX9		SCALE: NA	WEIGHT:	SHEET 1 OF 1		