





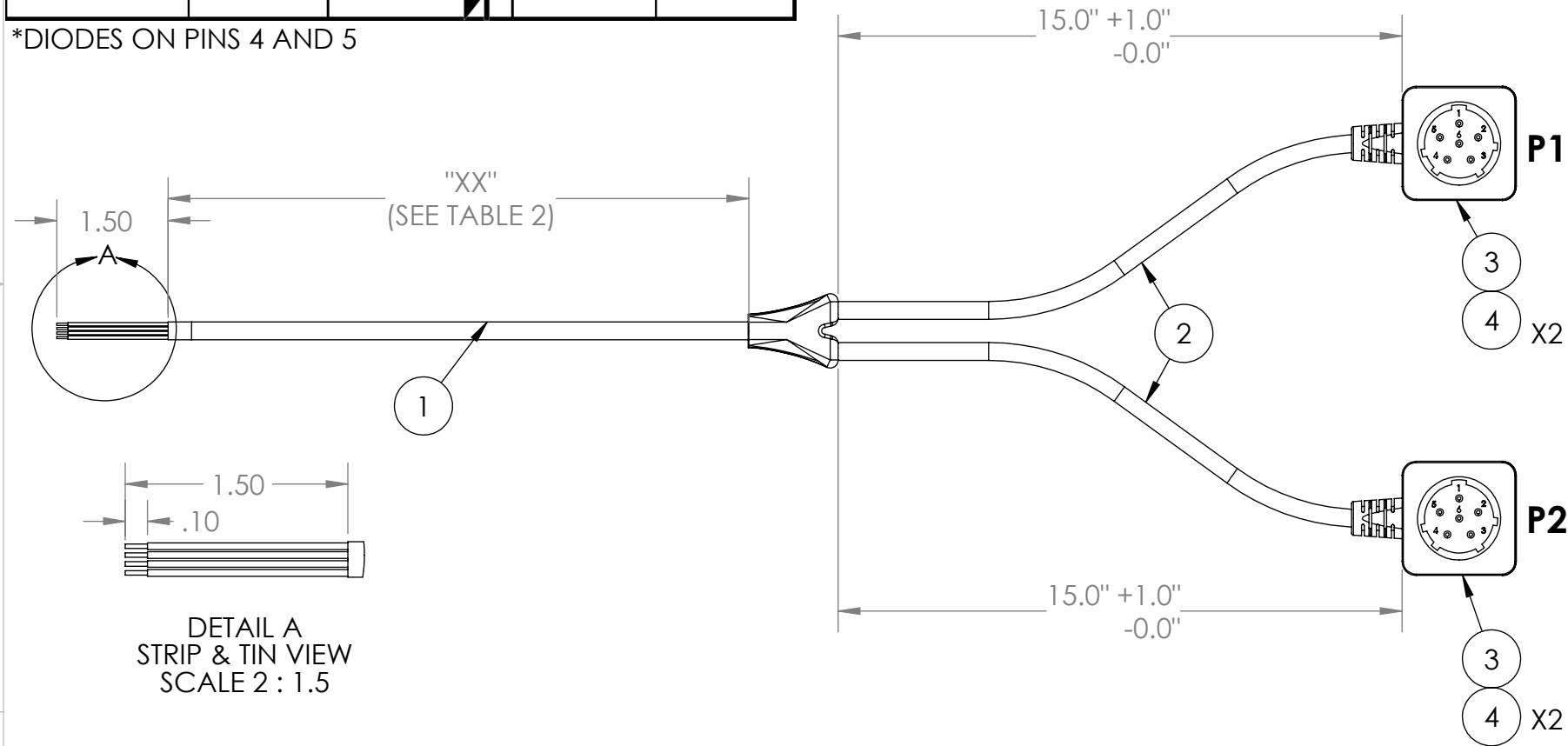
TABLE 1: WIRE RUN LIST				
BA-5590 (P1)	WIRE COLORS (ITEM #2)	BA-5590 (P2)	WIRE COLORS (ITEM #2)	WIRE COLORS (ITEM #1)
1, 2	GREEN			BLACK
4 	RED			RED
5 				
		1, 2	GREEN	GREEN
		4 	RED	WHITE
		5 		

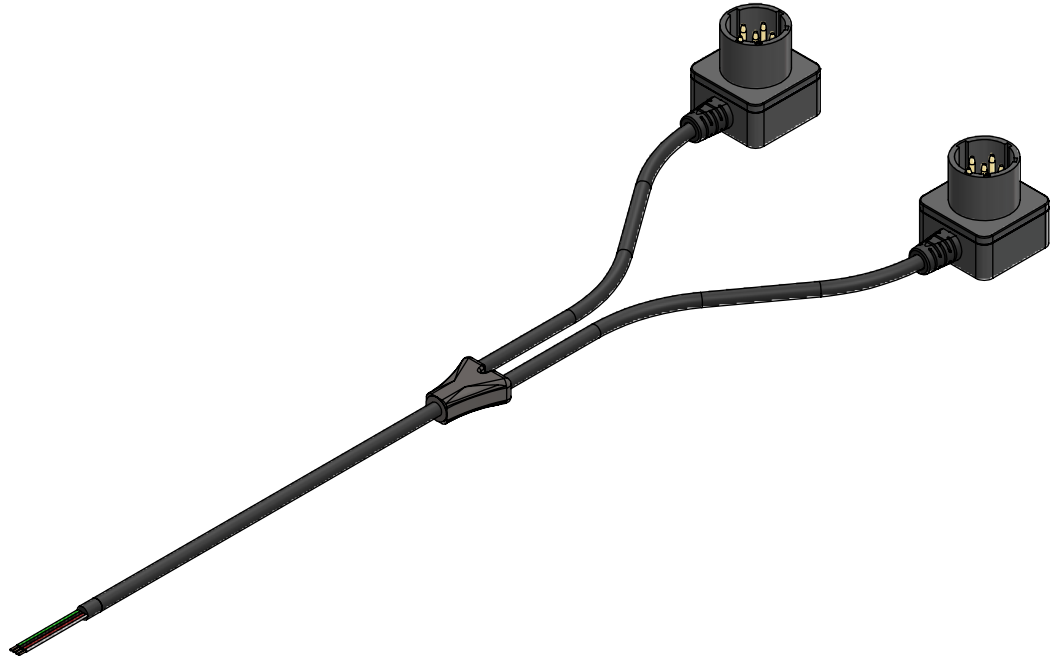
TABLE 2: WIRE LENGTH TABLE		
PART NUMBER & PART MARKING	"XX" DIMENSION (INCHES)	TOLERANCE (INCHES)
SN-304	4	+1.0", -0.0"
SN-304-02	9	+1.0", -0.0"
SN-304-03	21	+2.0", -0.0"
SN-304-04	33	+4.0", -0.0"
SN-304-05	45	+6.0", -0.0"
SN-304-06	57	+6.0", -0.0"
SN-304-08	81	+8.0", -0.0"
SN-304-10	105	+8.0", -0.0"

REVISIONS			
REV	DESCRIPTION	DATE	ENG
C	CHANGED DIODE PN	09/08/2022	MOB
D	UPDATED NOTES & BOM	11/12/2024	CWA


*DIODES ON PINS 4 AND 5



- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. ITEM #3 (BA5590M) 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.



BILL OF MATERIALS			
ITEM NO.	PART NO	QTY	NAME/DESCRIPTION
1	184C-V01A	XX	18AWG, 4C, 5.0MM OD
2	202C-V04A	32"	20AWG, 2C, 4.6MM OD
3	CONN-BA5590-MT	2	BA5590 MALE CONNECTOR W/ 8MM TAPPED HOLE & GASKET
4	SBM1060LLS_AY_00001	4	60V, 10A, DIODE

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X*: 1° .XX*: 0.5° BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SUFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING	NAME		DATE	REF. NUMBER: SN0623	
	DRAWN	LS	2/25/2019	 DESIGN ENGINEERING MANUFACTURING	
	CHECKED	RB	2/25/2019		
	COMMENTS:			TITLE: BA-5590 SPLITTER CABLE WIRED 12V, UNTERMINATED, VARIABLE LENGTH	
	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 B	DWG. NO. SN-304-XX
CAGE CODE: 1HJX9		SCALE: NA	WEIGHT:	REV D	SHEET 1 OF 1