

TABLE 1				
BA-5590 (P1)	WIRE COLORS (ITEM #3)	BA-5590 (P2)	WIRE COLORS (ITEM #3)	P3 (SPLITTER) G-7703
1, 2	GREEN			BLACK, BLACK
4	RED			RED
5				
		1, 2	GREEN	BLACK
		4	RED	ORANGE, BROWN
		5		

1. ALL BLACK CONDUCTORS FROM P3 MUST BE TIED TOGETHER INSIDE Y SPLITTER  
 2. RED, ORANGE, BROWN WIRES FROM P1,P2,P3 WILL BE CONNECTED TOGETHER INSIDE SPLITTER  
 KEVLAR BRAID MUST BE EXPOSED AND ATTACHED TO THE Y OVERMOLD

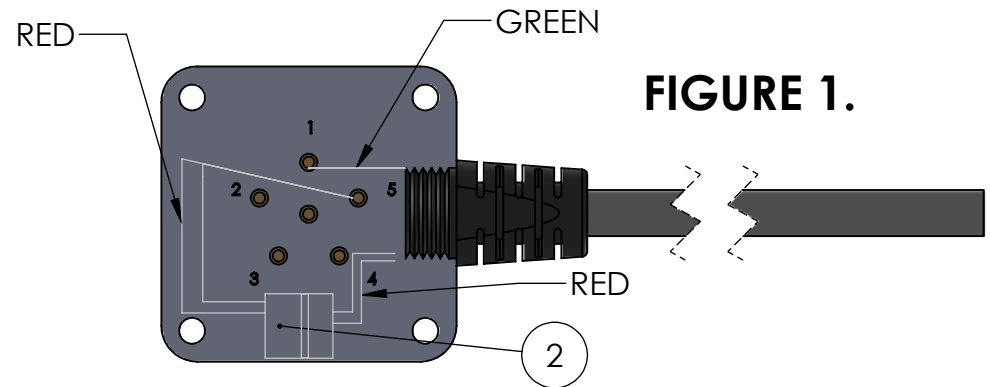
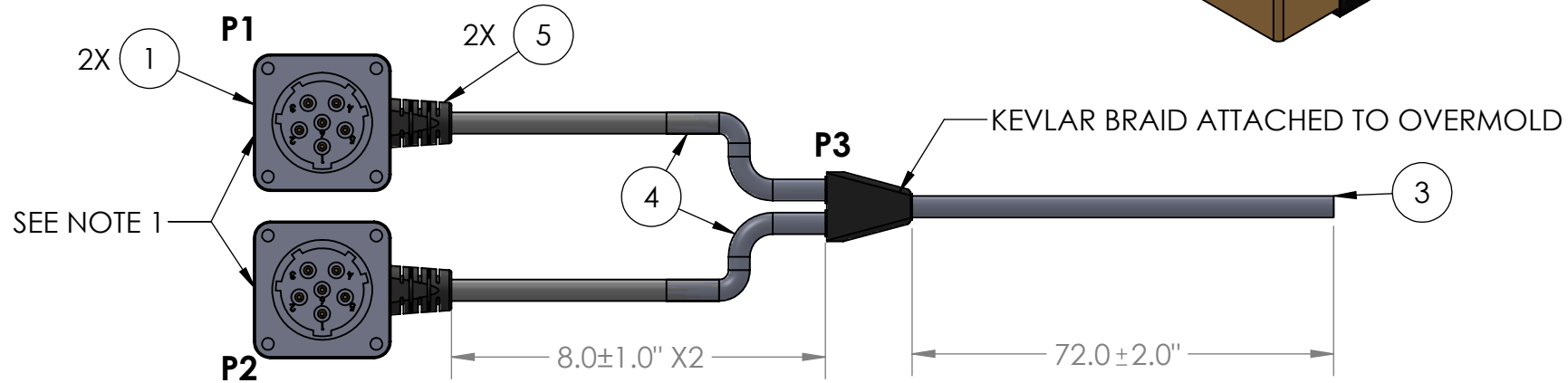
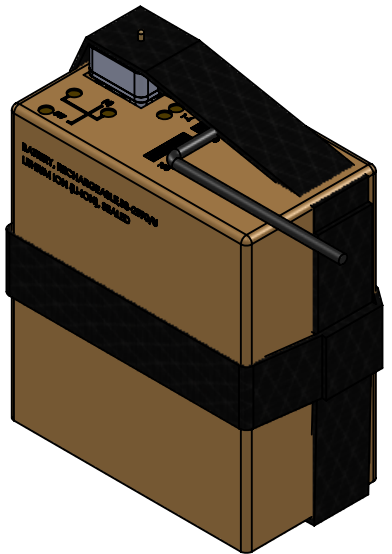
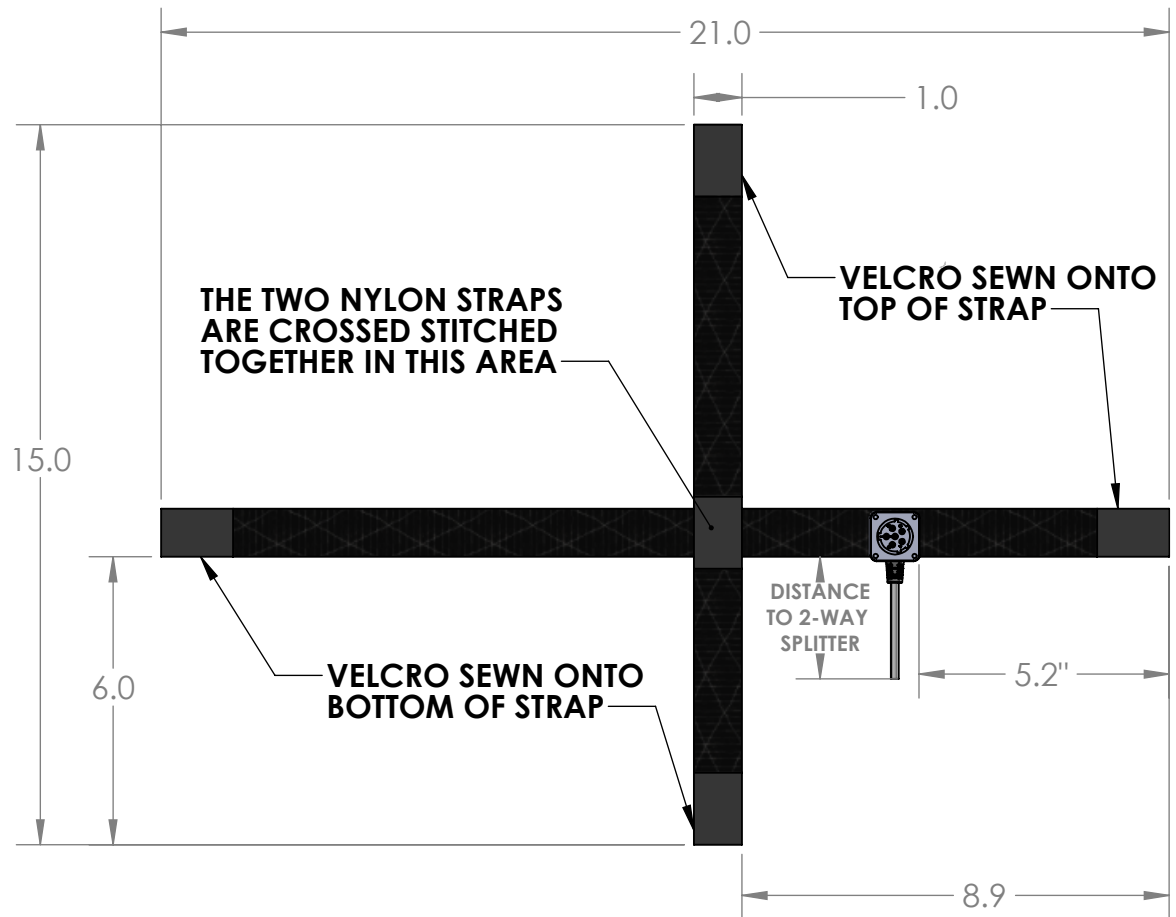


FIGURE 1.

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	07/10/2024	CWA



BILL OF MATERIALS			
ITEM NO.	PART NUMBER	QTY	NAME
1	CONN-BA5590-MTV	2	BA-5590 MALE CONNECTOR, 6 PIN 5 KEYWAY W/ VELCRO STRAP
2	SBM1060LSS_AY_00001	4	DIODE 60V, 10A
3	G-7703	76"	CABLE 6C, 22 AWG W/ KEVLAR BRAID, OD.197"
4	202C-V04A	20"	CABLE 2C, 20 AWG, OD.181"
5	SR:0024	1	M8 THREADED STRAIN RELIEF

- NOTES:**
- WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
  - PACKAGING REQUIREMENTS:
    - EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A THICK 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.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN: INCHES	DRAWN	CWA06/28/2024
TOLERANCES: .XX: ± 0.03	CHECKED	MOB06/28/2024
.XXX: ± 0.005	COMMENTS:	
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	<b>CAGE CODE: 1HJX9</b>	

REF. NUMBER: SN1214

**SupplyNet** DESIGN ENGINEERING MANUFACTURING

TITLE: **DUAL BB-2590 SPLITTER 12V W/ VELCRO STRAPS**

SIZE <b>B</b>	DWG. NO. <b>SN-333VS2-C3-06</b>	REV <b>A</b>
SCALE: NA	WEIGHT:	SHEET 1 OF 1