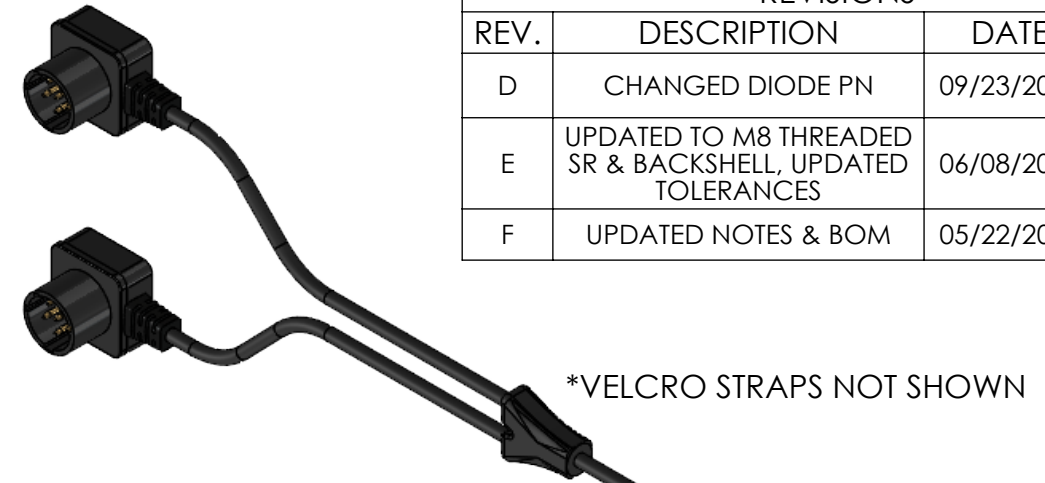
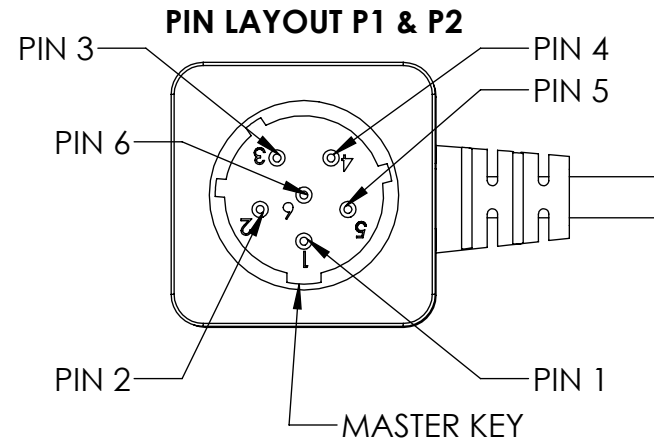


| TABLE 1: WIRE RUN LIST | | | |
|------------------------|---------------|-------------|---------|
| P1 | P2 | WIRE COLORS | |
| | | ITEM #3 | ITEM #4 |
| 5 | | RED | RED |
| | 5 | RED | WHITE |
| 1 | | GREEN | BLACK |
| | 1 | GREEN | GREEN |
| 2,4 (JUMPED) | | | |
| | 2, 4 (JUMPED) | | |



| REVISIONS | | | |
|-----------|---|------------|-----|
| REV. | DESCRIPTION | DATE | ENG |
| D | CHANGED DIODE PN | 09/23/2022 | MOB |
| E | UPDATED TO M8 THREADED SR & BACKSHELL, UPDATED TOLERANCES | 06/08/2023 | MOB |
| F | UPDATED NOTES & BOM | 05/22/2024 | CWA |

P1 & P2 24v WIRING

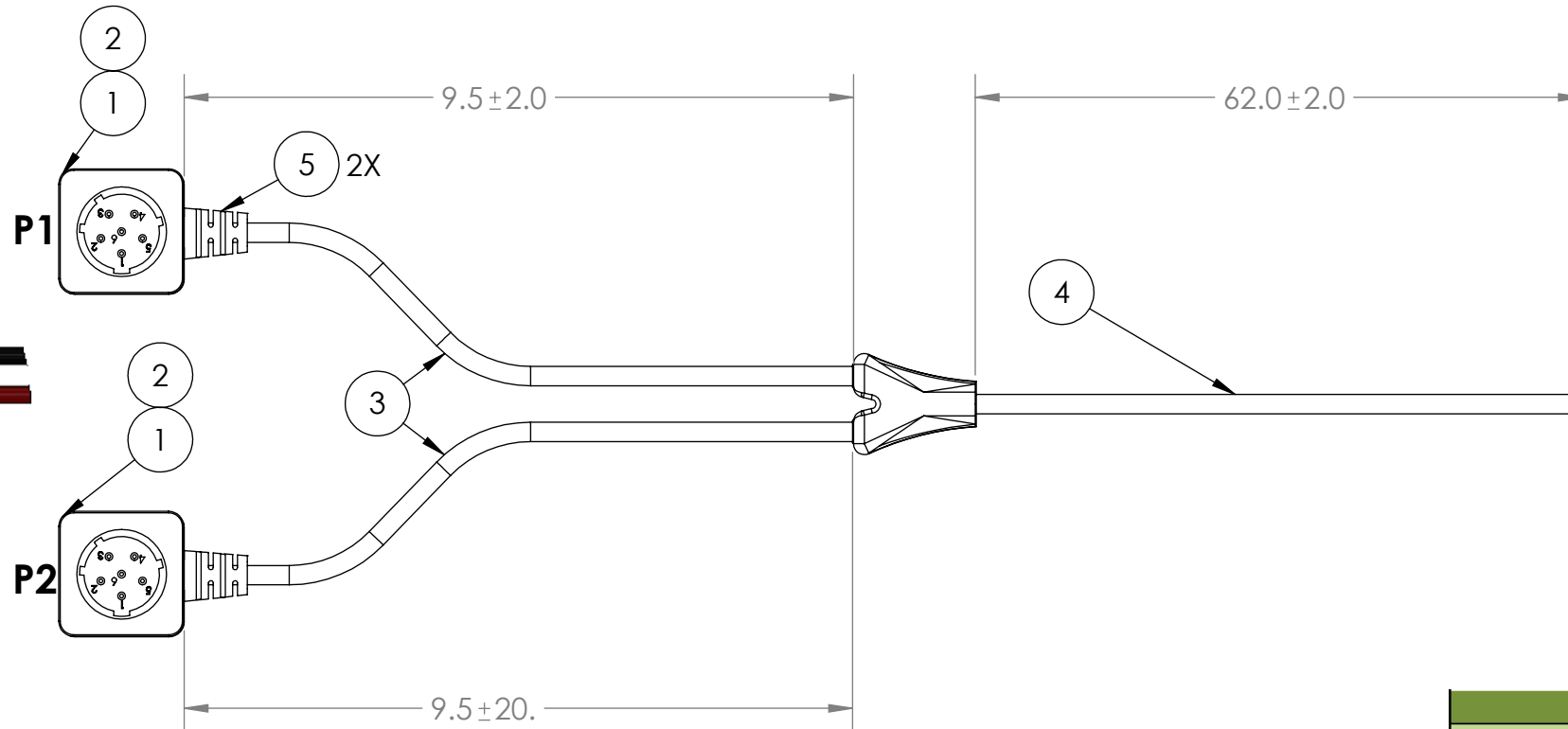
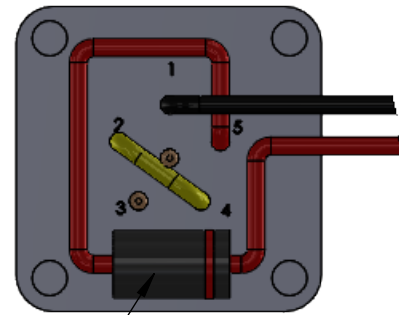
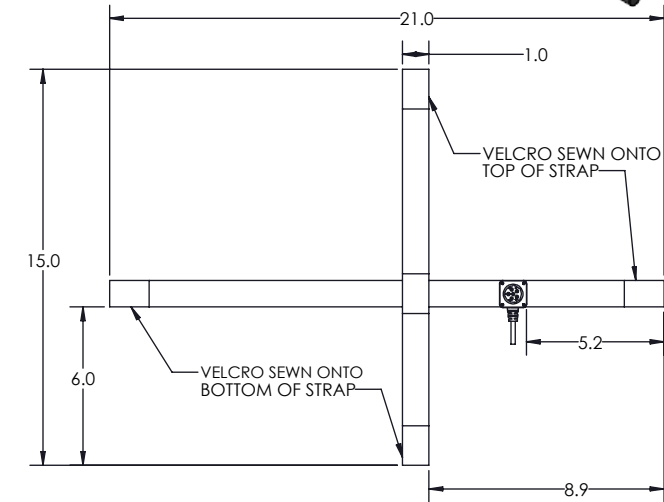


DIAGRAM 2: VELCRO STRAP DIMENSIONS



| BILL OF MATERIALS | | | |
|-------------------|---------------------|-----|---|
| ITEM NO. | PART NO | QTY | NAME/DESCRIPTION |
| 1 | CONN-BA5590-MTV | 2 | BA5590 MALE BATTERY CONNECTOR WITH VELCRO STRAP, M8 THREADED EXIT |
| 2 | SBM1060LSS_AY_00001 | 2 | DIODE, 60V, 10A |
| 3 | 182C-V02B | 64" | 2C WIRE, 18AWG |
| 4 | 184C-V01A | 24" | 4C WIRE, 18AWG |
| 5 | SR:0024 | 1 | M8 THREADED SR |

NOTES:

1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
2. 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.
3. 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.
4. 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.

REF. NUMBER: SN0631

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
 SURFACE FINISH:
 GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009
 MATERIAL: SEE DRAWING NOTES
 FINISH: SEE DRAWING NOTES
 DO NOT SCALE DRAWING

| | |
|--|-----------|
| NAME | DATE |
| DRAWN TC | 5/14/2020 |
| CHECKED RB | 5/14/2020 |
| COMMENTS: | |
| PROPRIETARY AND CONFIDENTIAL | |
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SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: **DUAL BA5590 SPLITTER**

SIZE **B** DWG. NO. **SN-333C-VS2-06** REV **F**

CAGE CODE: 1HJX9 SCALE: NA WEIGHT: SHEET 1 OF 1