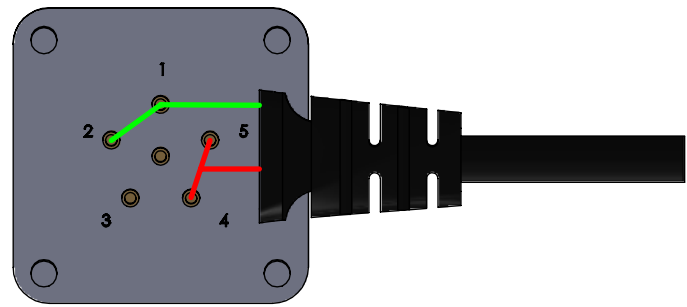
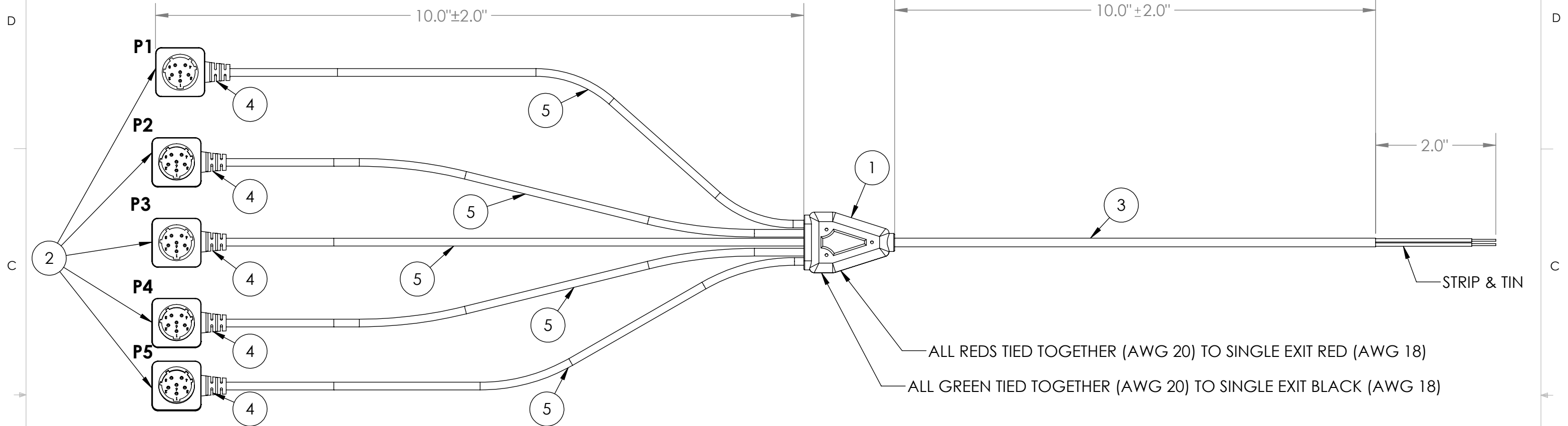


| TABLE 1: WIRING | |
|-----------------|-------------|
| P1,P2,P3,P4, P5 | WIRE COLORS |
| 1,2 | BLACK |
| 4,5 | RED |

| REVISIONS | | | |
|-----------|----------------------------|------------|-----|
| REV | DESCRIPTION | DATE | ENG |
| B | ADDED 5 WAY SPLITTER MODEL | 06/08/2020 | TC |
| C | ITEM NO. 2 UPDATED | 07/30/2024 | CWA |



**P1, P2, P3, P4 & P5
WIRING DIAGRAM**

| BILL OF MATERIALS | | | |
|-------------------|-------------------|-----|------------------|
| ITEM NO. | PART NO | QTY | NAME/DESCRIPTION |
| 1 | 1090605 | 1 | 5-WAY SPLITTER |
| 2 | CONN-BA5590-M | 5 | Male Connector |
| 3 | 182C-V02B-0207 07 | 12" | AWG 18, 2C WIRE |
| 4 | YS23-0146 | 4 | STRAIN RELIEF |
| 5 | 202C-V06A | 52" | AWG 20, 2C WIRE |

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.

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 MOB | 5/21/2020 |
| CHECKED RB | 5/21/2020 |
| COMMENTS: | |
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| CAGE CODE: 1HJX9 | |

REF. NUMBER: SN0649

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: **BA5590 5-WAY SPLITTER CABLE UNTERMINATED 12V**

| | | |
|----------|-------------------|----------|
| SIZE | DWG. NO. | REV |
| B | SN-317B-C2 | C |

SCALE: NA WEIGHT: SHEET 1 OF 1