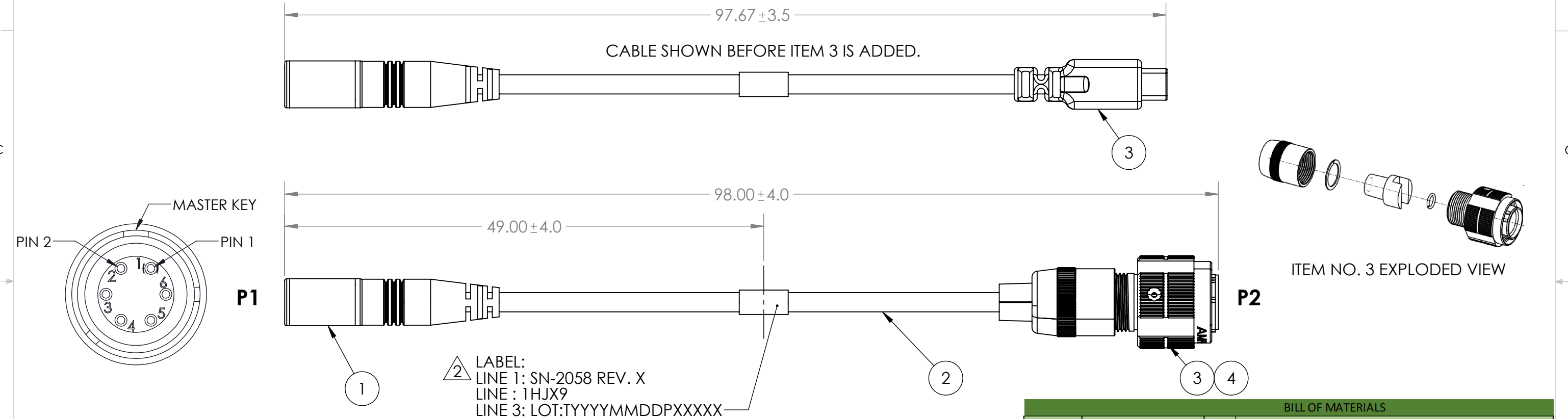


TABLE 1: WIRE RUN			
P1	WIRE COLOR	P2	SIGNAL
1	N/C	N/C	N/C
2	BLACK + DRAINS	A1, A12, B1, B12	GND
3	RED	A4, A9, B4, B9	VBUS
4	GREEN	A6	USB_D+
5	WHITE	A7	USB_D-
N/C	BLUE	A5	CC1
SHELL	SHIELD	SHELL	GND

P2 CONNECTOR CONTAINS A USB-C SINK CONTROLLER
SINK CONTROLLER FIXES USB-C SOURCE SUPPLY VOLTAGE
TO 5V, 15W MAX.

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	12/30/2025	MOB

TWISTED PAIR



- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. MARKING REQUIREMENTS:
 - A. LABELS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.
 - B. LABELS SHALL BE BLACK WITH WHITE TEXT.
 - C. LABELS SHALL BE PLACED WHERE SHOWN IN DRAWING.
 - D. HEAT SHRINK LABEL(S) MAY BE USED.
 - E. LABELS SHALL BE MARKED WITH THE INFORMATION SHOWN.
 3. PACKAGING REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - B. CONNECTOR(S) SHALL BE PACAKGED TO PREVENT DAMAGE DURING SHIPPING, BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - C. POLYBAG SHALL BE MARKED WITH THE 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 (CLASS 2) 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 AND CONTINUITY.
 - B. INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.

BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	MKJ4A1Z6-6FC-K140	1	NETT WARRIOR FEMALE, SOCKET CONTACTS, 6 POS.
2	USB-PD-22/28-SP	102"	CABLE, 6C, (3) AWG 22, (1) AWG 28, 1X AWG 28 90 OHM TP SHIELDED, OVERALL BRAIDED SHIELD, SANTOPRENE JKT, OD: .190-.200 IN.
3	USB3CFTV6ZN	1	RUGGED USB-C CONNECTOR SHELL, BLACK ZINC NICKEL
4	SN-USBM-5V15	1	USB-C PLUG, 5V, 15W SINK CONTROLLER

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SupplyNet DESIGN ENGINEERING MANUFACTURING		
DIMENSIONS ARE IN: INCHES		DRAWN	MOB	12/30/2025	TITLE: CABLE ASSEMBLY, NETT WARRIOR (F) TO RUGGED USB-C PLUG, 2.5M	
TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005		CHECKED	RB	12/30/2025		
ANGULAR: .X°: 1° .XX°: 0.5°		COMMENTS:				
BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH:						
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		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.				
MATERIAL: SEE DRAWING NOTES		SIZE	DWG. NO.		REV	
FINISH: SEE DRAWING NOTES		B	SN-2058		A	
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9		SCALE: NA	WEIGHT:	SHEET 1 OF 1