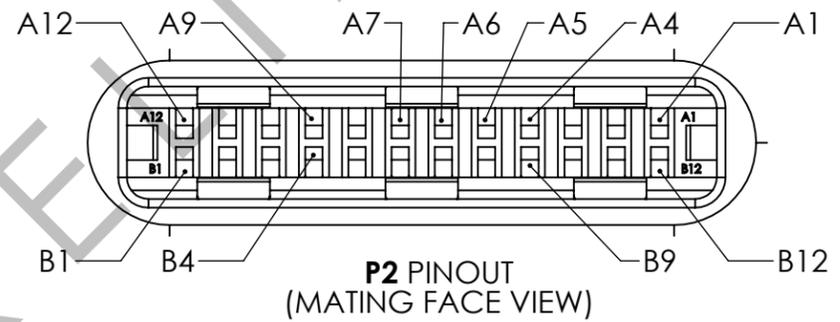
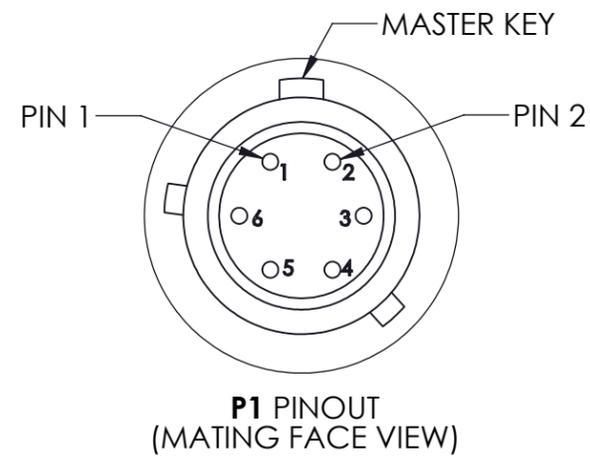
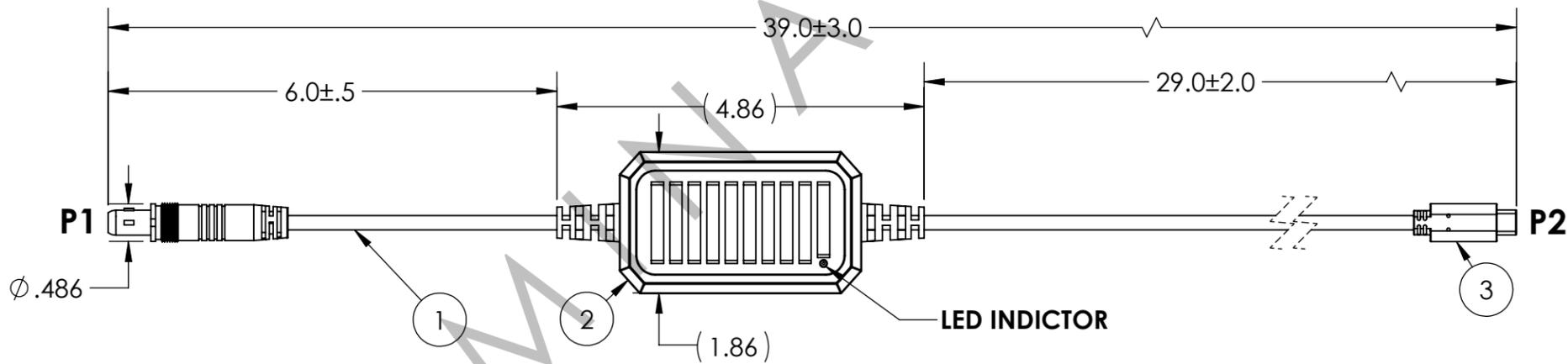
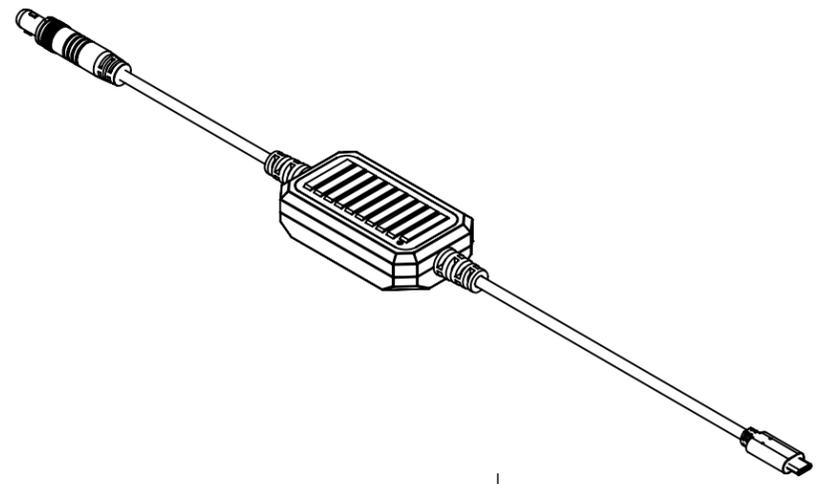


TABLE 1: WIRE RUN LIST				
P1	WIRE COLOR	WIRE COLOR	SIGNAL	P2
1	RED	BLACK	GND	A1, A12, B1, B12
2	BLACK	RED	VBUS	A4, A9, B4, B9
3	BROWN	GREEN	USB 2.0 D+	A6
4	GREEN	WHITE	USB 2.0 D-	A7
5	WHITE	ORANGE	CC1	A5
6	ORANGE	SHIELD	CHASSIS GND	SHELL
SHELL	SHIELD			

*SEE SHEET 3 FOR P2 PCB PINOUT

TABLE 2: LED INDICATION TABLE	
LED INDICATION	MEANING/REMARKS
RED FLASHING	BATTERY PRE-CHARGE CHECK
SOLID AMBER	BATTERY CHARGING
FLASHIGN GREEN	BATTERY CHARGED TO >90% OF CAPACITY
SOLID GREEN	BATTERY FULLY CHARGED (>95%)
SOLID AMBER FOR 1 SEC TO SOLID RED FOR 1 SEC ALTERNATING	BATTERY TEMPERATURE TOO HOT OR TOO COLD TO CHARGE
SOLID RED	BATTERY FAULT
FLASHING RED	CHARGER FAULT

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
1	PRELIM: FOR REVIEW	01/16/2026	CWA



BILL OF MATERIALS				
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION	SUPPLIER CODE
1	SN-1087	0.5	MALE TO MALE NWB CABLE ALL SIGNALS 48"	SN (SEE SHEET 2)
2	TBD	1	PCB WIRE ENCLOSURE	SCS
3	TBD	1	USB-C PD CABLE	SCS

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

SUPPLIER CODE KEY	
CODE	MEANING
SCS	SUB-CONTRACTOR SOURCED & SUPPLIED
SN	SUPPLYNET SOURCED & SUPPLIED
-L	LONG LEAD TIME ITEM

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

REF. NUMBER: SN1488

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: **USB-C PD TO NETT WARRIOR CWB CHARGER AND HARVESTER CABLE**

SIZE **B** DWG. NO. **SN-2025-C5** REV **1**

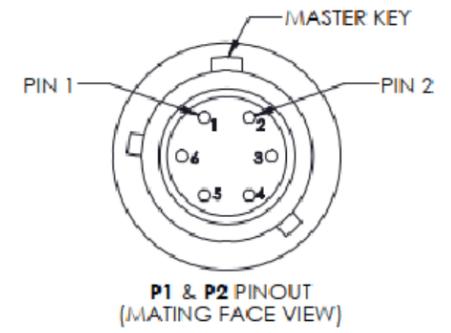
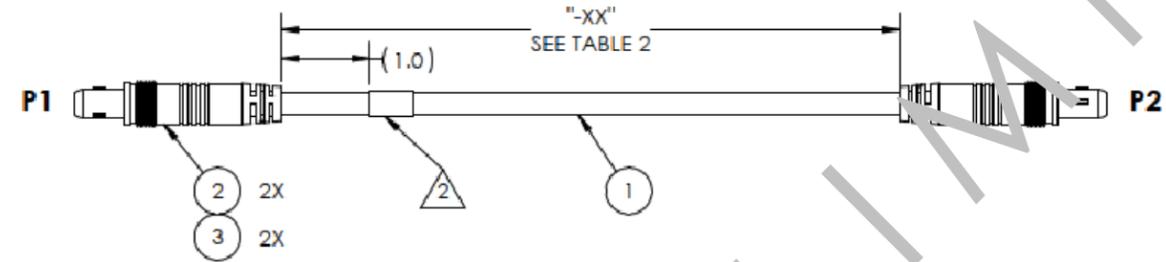
CAGE CODE: 1HJX9 SCALE: NA WEIGHT: SHEET 1 OF 3

TABLE 1: WIRE RUN LIST		
P1	WIRE COLOR	P2
1	RED	1
2	BLACK	2
3	BROWN	3
4	GREEN	4
5	WHITE	5
6	ORANGE	6
SHELL	SHIELD	SHELL

— TWISTED PAIR

TABLE 2: WIRE LENGTH CHART		
PART NO. & PART MARKING	"-XX" DIMENSION (INCHES)	TOLERANCE (INCHES)
SN-1087-0.5	6	+1.0, -0.0
SN-1087-01	12	+1.0, -0.0
SN-1087-01.5	18	+1.0, -0.0
SN-1087-02	24	+2.0, -0.0
SN-1087-03	36	+2.0, -0.0
SN-1087-04	48	+2.0, -0.0
SN-1087-06	72	+4.0, -0.0
SN-1087-08	96	+4.0, -0.0
SN-1087-10	120	+6.0, -0.0
SN-1087-12	144	+6.0, -0.0
SN-1087-18	216	+6.0, -0.0
SN-1087-20	240	+6.0, -0.0
SN-1087-25	300	+6.0, -0.0
SN-1087-30	360	+18.0, -0.0

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
F	UPDATED WIRE LENGTH DIM. LOCATION	05/14/2019	LS
G	REDRAWN WITH CHANGE, UPDATED ITEM NO. 1 PN/UPDATED DRAWING FOR IAT	03/06/2023	JIOB
H	UPDATED BOX 1 & NOTES	04/08/2024	CWA



- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. MARKING REQUIREMENTS:
 - A. LABEL(S) SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.
 - B. LABEL(S) SHALL BE WHITE WITH BLACK TEXT.
 - C. LABEL(S) SHALL BE PLACED WHERE SHOWN IN DRAWING.
 - D. ADHESIVE WRAP AROUND LABEL(S) MAY BE USED.
 - E. LABEL SHALL BE MARKED WITH THE BELOW INFORMATION ONLY. REV MARKING PER PD.
(YYYY=YEAR OF MFG, MM=MONTH OF MFG, DD=DAY OF MFG, XXXX=PO NUMBER)
PN: SN-1087-XX REV.X
CAGE: 1HJX9
LOT: TYYYYMMDDPPXXXX
 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 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	SUPPLIER CODE
1	88000657.AB	-XX	22/28 AWG, 6C, PU JACKET, SHIELDED, .265 IN. DIA.	SN
2	807-309-06ZNU6-6PY	2	NETT WARRIOR MALE, 6 POS. PIN CONTACTS	SN
3	BE-04	2	BANDING CLAMP	SN

SUPPLIER CODE KEY	
CODE	MEANING
SCS	SUB-CONTRACTOR SOURCED & SUPPLIED
SN	SUPPLYNET SOURCED & SUPPLIED
-L	LONG LEAD TIME ITEM

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: .XX: ±.003 XXX: ±.005 ANGULAR: XX°.1° XX°.05° 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: TC DATE: 8/08/2016 CHECKED: RJB DATE: 8/08/2016	REF. NUMBER: SN0421 SupplyNet DESIGN ENGINEERING MANUFACTURING
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TITLE: NETT WARRIOR CABLE, MALE TO MALE		
SIZE: B	DWG. NO.: SN-1087-XX	REV: H
SCALE: NA	WEIGHT:	SHEET 1 OF 1

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DO NOT SCALE DRAWING **CAGE CODE: 1HJX9**

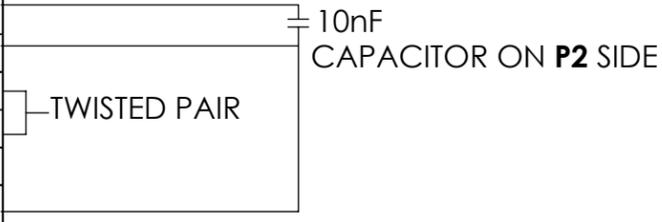
REF. NUMBER: SN1488
SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE:
USB-C PD TO NETT WARRIOR CWB CHARGER AND HARVESTER CABLE

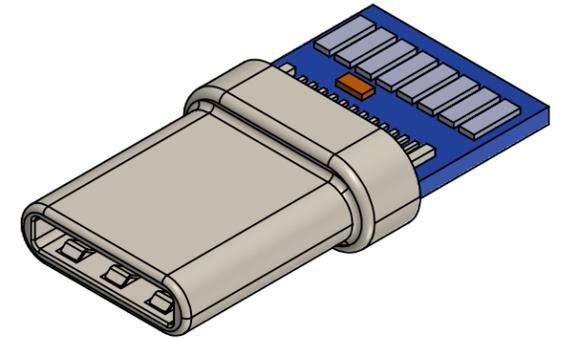
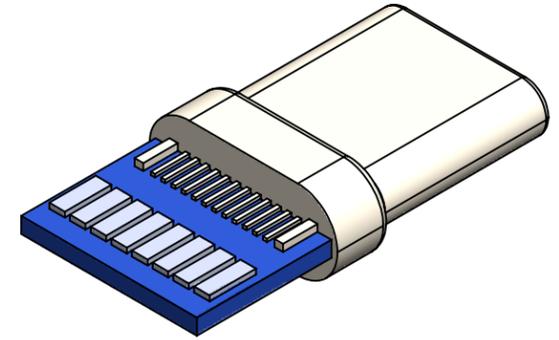
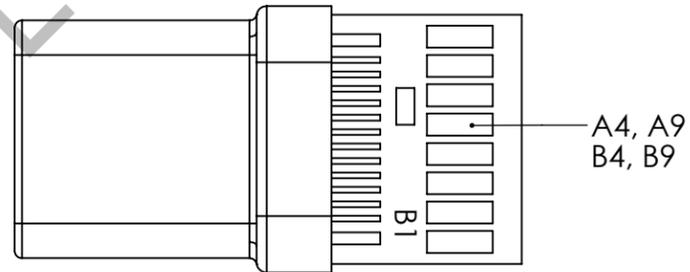
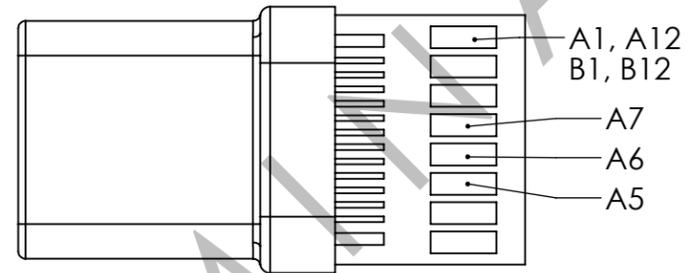
SIZE: **B** DWG. NO.: **SN-2025-C3** REV: **1**

SCALE: NA WEIGHT: SHEET 2 OF 3

TABLE 1: WIRE RUN LIST		
WIRE COLOR	SIGNAL	P2
BLACK	GND	A1, A12, B1, B12
RED	VBUS	A4, A9, B4, B9
GREEN	USB 2.0 D+	A6
WHITE	USB 2.0 D-	A7
ORANGE	CC1	A5
SHIELD	CHASSIS GND	SHELL



P2 PCB LAYOUT



PRELIMINARY

REF. NUMBER: SN1488



TITLE:
**USB-C PD TO NETT WARRIOR
CWB CHARGER AND
HARVESTER CABLE**

SIZE B	DWG. NO. SN-2025-C5	REV 1
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DO NOT SCALE DRAWING **CAGE CODE: 1HJX9** SCALE: NA WEIGHT: SHEET 3 OF 3