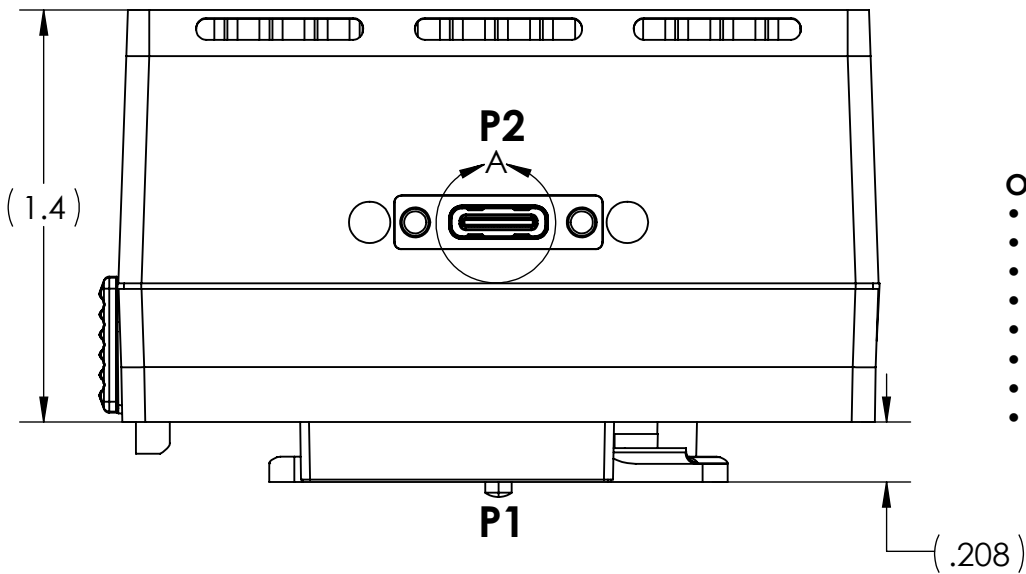
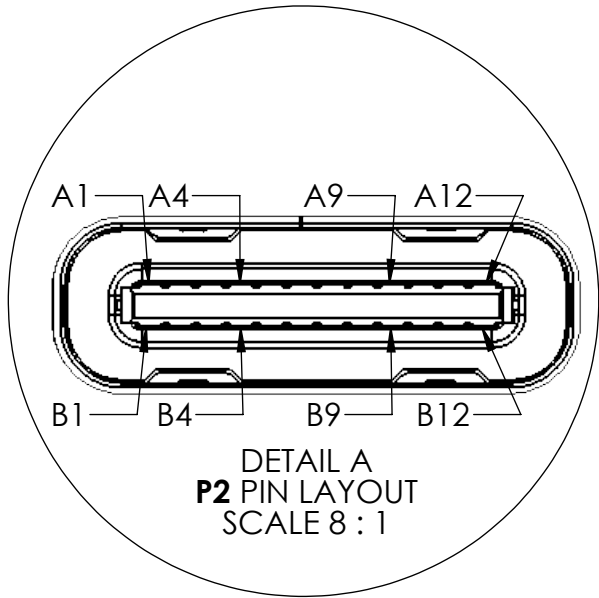
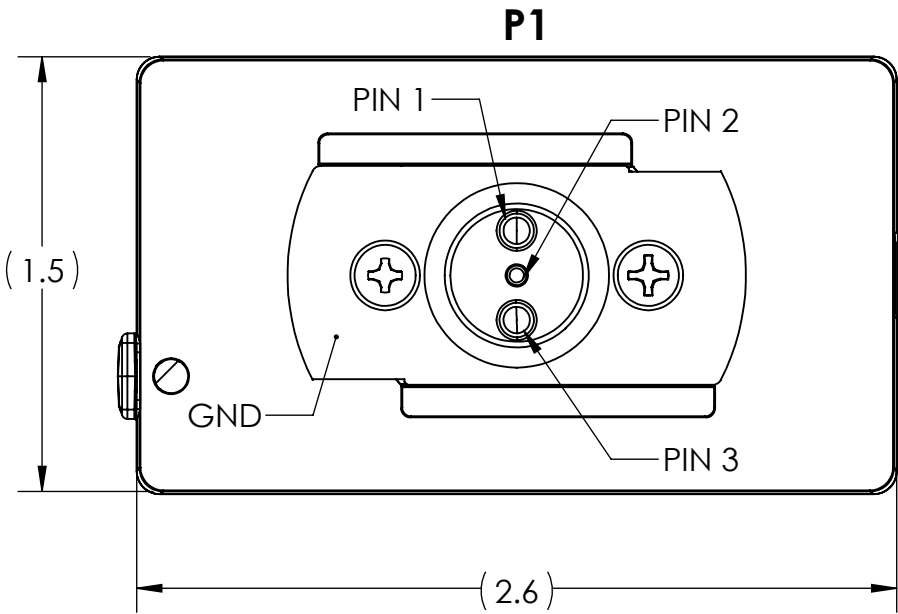


TABLE 1: WIRE RUN LIST			
P1	PCB INPUT LOCATION	PCB OUTPUT LOCATION	P2 (WIRE COLOR)
1, 3	VBAT	VBUS	A4, A9, B4, B9 (RED)
2	N/C	N/C	N/C
GND	GND	GND	A1, A12, B1, B12, SHELL (BLACK & ALL DRAINS)

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	8/11/2026	CWA



- OPERATIONAL NOTES:**
- USB-C POWER DELIVERY 3.0 COMPLIANT.
 - OUTPUT: 60W, 5V/5A, 9V/5A, 12V/5A.
 - INTERNAL PCB AND SOLDER JOINTS ARE SEALED WITH EPOXY POTTING MATERIAL.
 - BACK COVER MATERIAL: ALUMINUM, ANODIZED BLACK
 - CONNECTOR BODY MATERIAL: ABS, BLACK
 - PINS MATERIAL: GOLD PLATED BRASS.
 - GND BAR MATERIAL: NICKEL PLATED STAINLESS STEEL.
 - COMPATIBLE WITH AN/PRC-148 MBITR, AN/PRC-152, AN/PRC-163 (ALI-130, 16041-2100-02, 1600515-7, 12041-2100-02 , 12500-2500-0X) AND SIMILAR FORM FACTOR BATTERIES.

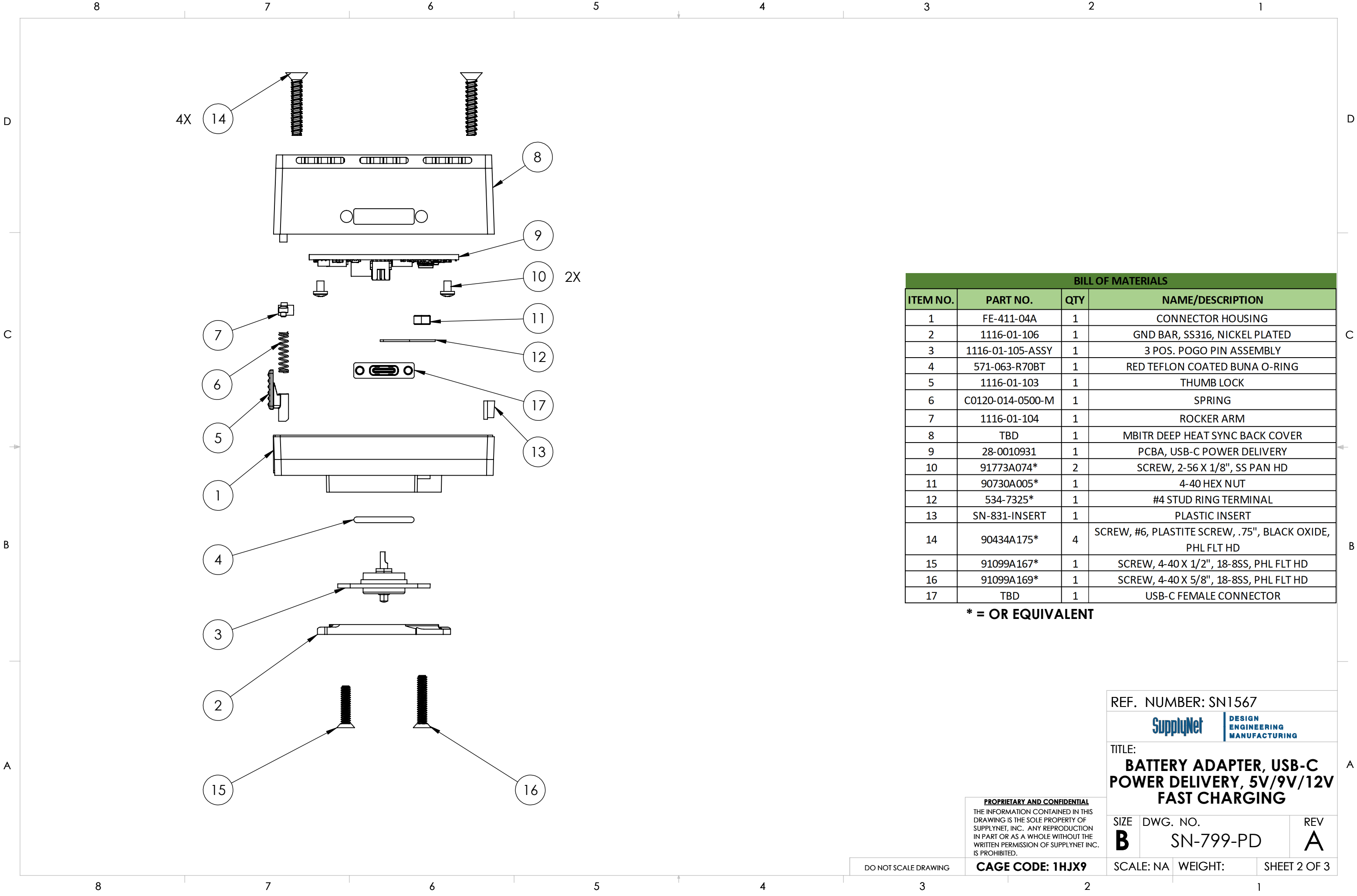
- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. PACKAGING REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - B. CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING, BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - C. POLYBAG SHALL BE MARKED WITH THE 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 (CLASS 2) 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 OPERATION.
 - B. INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (IN) TOLERANCES: 1 PLACE ±.1 2 PLACES ±.03 3 PLACES ±.005 ANGLES 1 PLACE ±.1° 2 PLACES ±.5° BREAK EDGES .005 - .020 FILLETS .005 - .020 GEOMETRIC TOLERANCING PER: ASME Y14.5 -2018	
FINISH: SEE DRAWING NOTES	
MATERIAL: SEE DRAWING NOTES	
THIRD ANGLE PROJECTION	

	NAME	DATE
DRAWN	CWA	8/3/2026
CHECKED	RB	8/3/2026
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.		
DO NOT SCALE DRAWING		

DESIGN ENGINEERING MANUFACTURING			
TITLE: BATTERY ADAPTER, USB-C POWER DELIVERY, 5V/9V/12V FAST CHARGING			
SIZE B	CAGE CODE 1HJX9	DWG. NO. SN-799-PD	REV A
SCALE: N/A		REF. NUMBER:SN1567	SHEET 1 OF 3

(BOM ON SHEET 2)



BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	FE-411-04A	1	CONNECTOR HOUSING
2	1116-01-106	1	GND BAR, SS316, NICKEL PLATED
3	1116-01-105-ASSY	1	3 POS. POGO PIN ASSEMBLY
4	571-063-R70BT	1	RED TEFLON COATED BUNA O-RING
5	1116-01-103	1	THUMB LOCK
6	C0120-014-0500-M	1	SPRING
7	1116-01-104	1	ROCKER ARM
8	TBD	1	MBITR DEEP HEAT SYNC BACK COVER
9	28-0010931	1	PCBA, USB-C POWER DELIVERY
10	91773A074*	2	SCREW, 2-56 X 1/8", SS PAN HD
11	90730A005*	1	4-40 HEX NUT
12	534-7325*	1	#4 STUD RING TERMINAL
13	SN-831-INSERT	1	PLASTIC INSERT
14	90434A175*	4	SCREW, #6, PLASTITE SCREW, .75", BLACK OXIDE, PHL FLT HD
15	91099A167*	1	SCREW, 4-40 X 1/2", 18-8SS, PHL FLT HD
16	91099A169*	1	SCREW, 4-40 X 5/8", 18-8SS, PHL FLT HD
17	TBD	1	USB-C FEMALE CONNECTOR

* = OR EQUIVALENT

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.

CAGE CODE: 1HJX9

REF. NUMBER: SN1567			
SupplyNet		DESIGN ENGINEERING MANUFACTURING	
TITLE: BATTERY ADAPTER, USB-C POWER DELIVERY, 5V/9V/12V FAST CHARGING			
SIZE B	DWG. NO. SN-799-PD		REV A
SCALE: NA		WEIGHT:	SHEET 2 OF 3

REF. NUMBER: SN1567

SupplyNet

DESIGN
ENGINEERING
MANUFACTURING

TITLE:

BATTERY ADAPTER, USB-C
POWER DELIVERY,
5V/9V/12V FAST CHARGING

SIZE	DWG. NO.	REV
B	SN-799-PD	A

SCALE: NA	WEIGHT:	SHEET 3 OF 3
-----------	---------	--------------

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.

CAGE CODE: 1HJX9

DO NOT SCALE DRAWING

