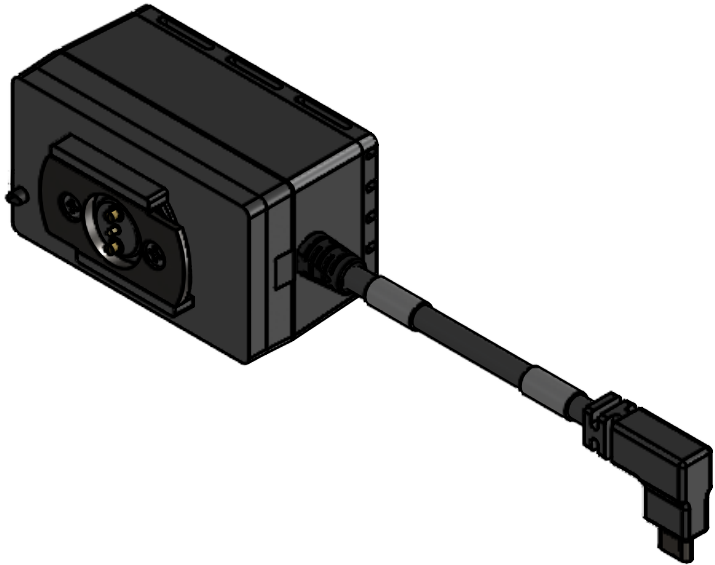
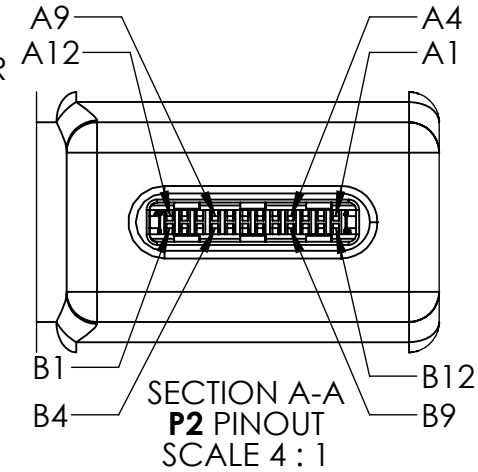
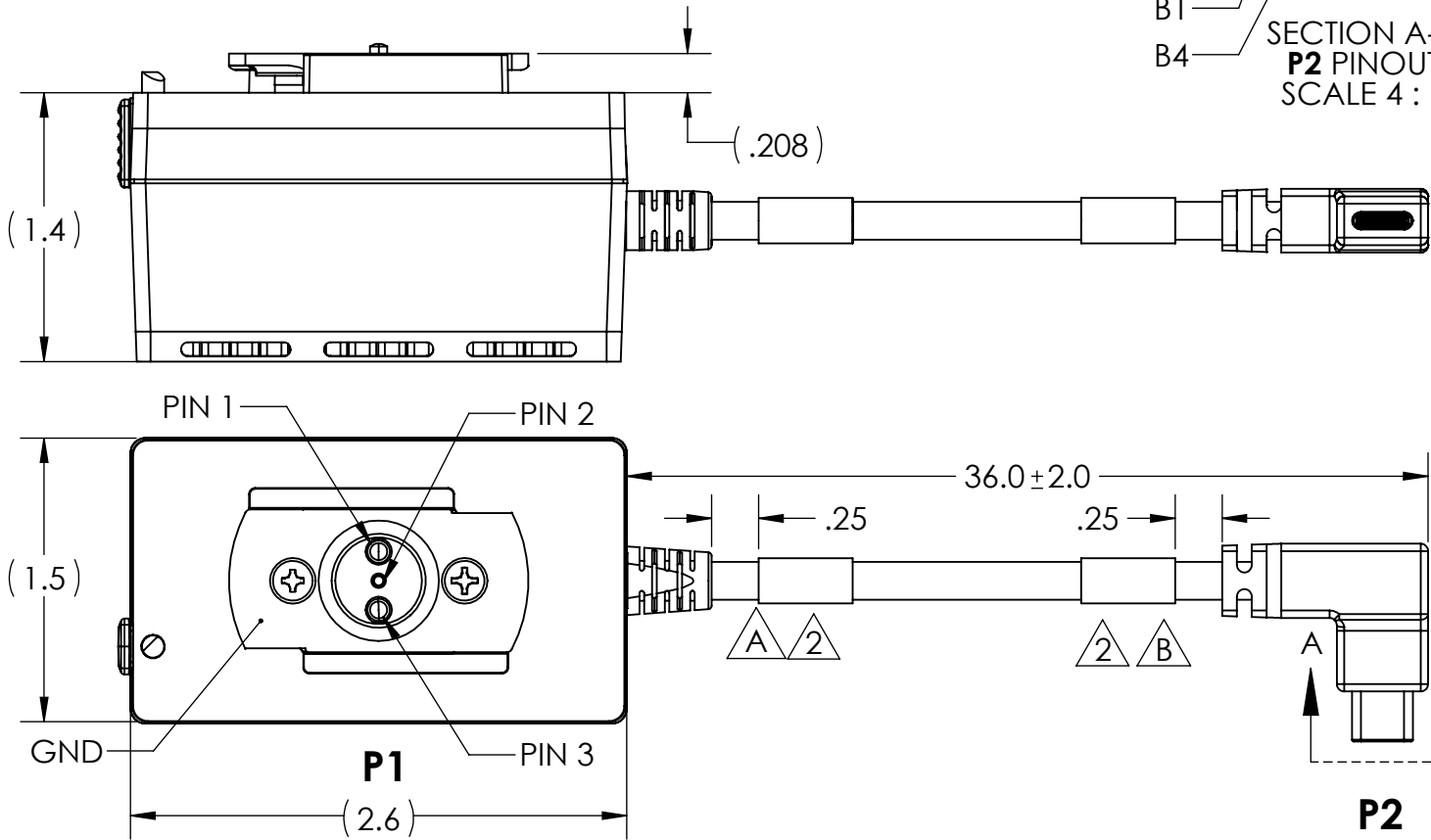


TABLE 1: WIRE RUN LIST			
P1	PCB INPUT LOCATION	PCB OUTPUT LOCATION	P2 (WIRE COLOR)
1, 3	VBAT	VBUS	A4, A9, B4, B9 (RED)
2	N/C	N/C	N/C
GND	GND	GND	A1, A12, B1, B12, SHELL (BLACK & ALL DRAINS)
N/C	N/C	CC1	A5 (ORANGE)*
N/C	N/C	N/C	A6 (GREEN)*
N/C	N/C	N/C	A7 (WHITE)*
N/C	N/C	N/C	SHELL (SHIELD)

*UNUSED WIRES MUST BE CAPPED AND STOWED



- OPERATIONAL NOTES:**
- USB-C POWER DELIVERY 3.0 COMPLIANT.
 - OUTPUT: 60W, 5V/5A, 9V/5A, 12V/5A.
 - RIGHT ANGLE USB-C CONNECTOR IS COMPATIBLE WITH KAGWERKS EUD CASE.
 - INTERNAL PCB AND SOLDER JOINTS ARE SEALED WITH EPOXY POTTING MATERIAL.
 - MATERIAL:
 - BACK COVER: ALUMINUM, ANODIZED BLACK
 - CONNECTOR BODY: ABS, BLACK
 - PINS: GOLD PLATED BRASS.
 - GND BAR: 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.

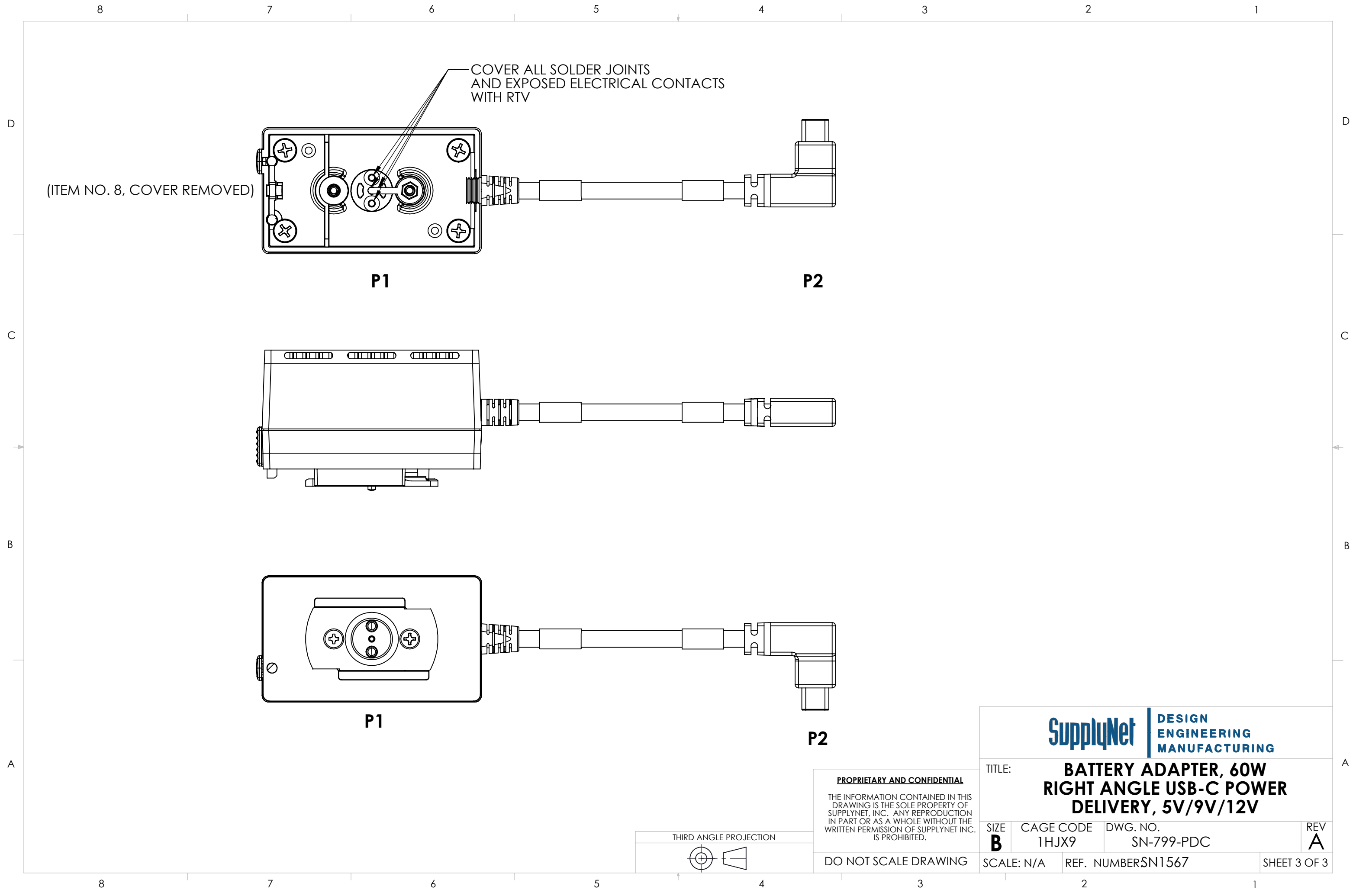
(BOM ON SHEET 2)

- 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) SHALL BE USED.
 - E. LABELS SHALL BE MARKED WITH THE INFORMATION SHOWN IN TABLE 2: LABEL IDENTIFICATION. (SEE SHEET 2)
 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,
 - C. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - D. 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, 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
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DO NOT SCALE DRAWING		

SupplyNet DESIGN ENGINEERING MANUFACTURING			
TITLE: BATTERY ADAPTER, 60W RIGHT ANGLE USB-C POWER DELIVERY, 5V/9V/12V			
SIZE B	CAGE CODE 1HJX9	DWG. NO. SN-799-PDC	REV A
SCALE: N/A		REF. NUMBER:SN1567	
		SHEET 1 OF 3	



(ITEM NO. 8, COVER REMOVED)

COVER ALL SOLDER JOINTS
AND EXPOSED ELECTRICAL CONTACTS
WITH RTV

P1

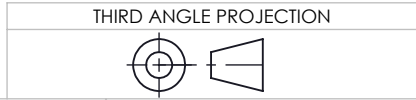
P2

P1

P2

SupplyNet		DESIGN ENGINEERING MANUFACTURING	
TITLE: BATTERY ADAPTER, 60W RIGHT ANGLE USB-C POWER DELIVERY, 5V/9V/12V			
SIZE B	CAGE CODE 1HJX9	DWG. NO. SN-799-PDC	REV A
SCALE: N/A		REF. NUMBERSN1567	SHEET 3 OF 3

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