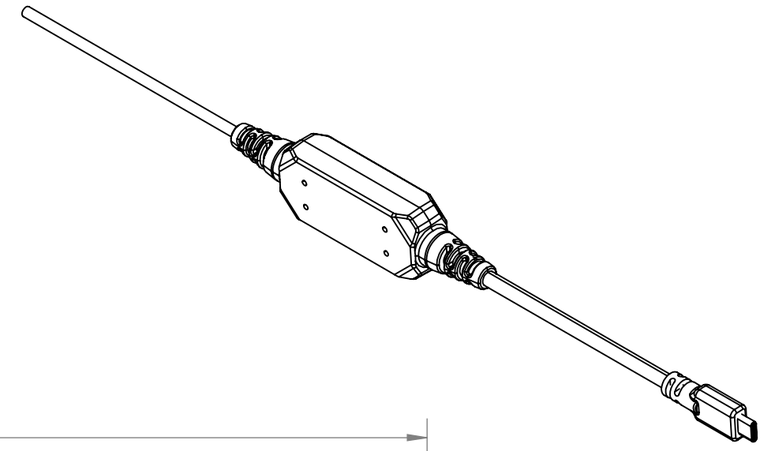
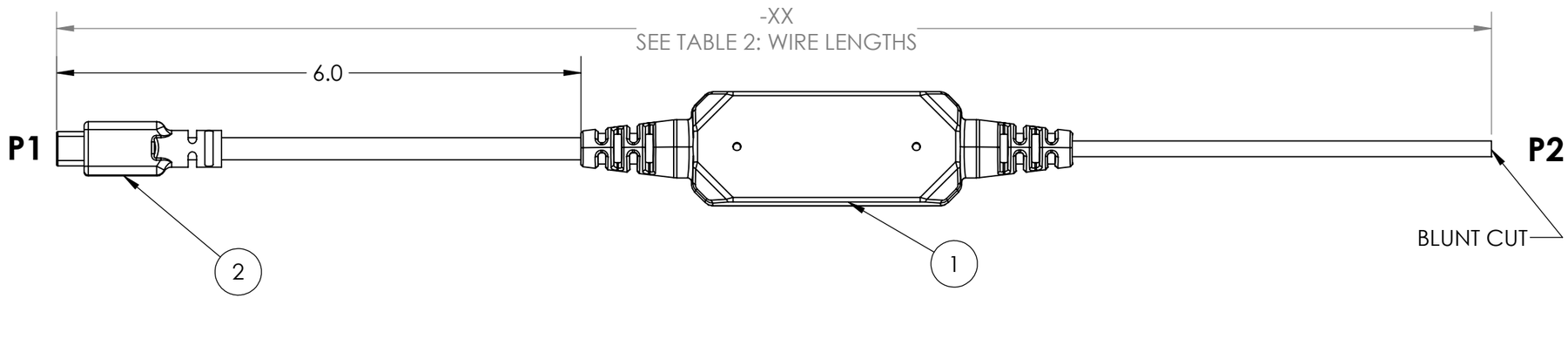
TABLE 1: WIRE RUN		
P1	P2 WIRE COLOR	SIGNAL
A4, A9, B4, B9	RED	VBATT
A1, A12, B1, B12	BLACK	GND
A6	GREEN	USB_D+
A7	WHITE	USB_D-
N/C	BROWN	VBUS(IN)
A5	BLUE	CC
SHELL	SHIELD + DRAIN	CHASSIS GND

TABLE 2: WIRE LENGTHS		
"-XX"	LENGTH (INCHES)	TOLERANCE
-02	28.0	±1.0
-03	40.0	±1.0
-04	52.0	±2.0
-06	76.0	±4.0

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	08/24/2026	GMW





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 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.
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 INSULATION RESISTANCE (250V @ 100MOHM MIN.) INSULATION RESISTANCE TEST CONDUCTED ON SUB-ASSEMBLIES ONLY.
   - B. 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

BILL OF MATERIALS				
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION	SUPPLIER CODE
1	TBD	1	CABLE SUB-ASSY USB-C PLUG,	SCS
2	TBD	1	USB-C STRAIGHT PLUG	SCS

REF. NUMBER: SN1376

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
SUFACE FINISH:

GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009

MATERIAL: SEE DRAWING NOTES

FINISH: SEE DRAWING NOTES

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	GMW	08/24/2026
CHECKED	MOB	08/24/2026
COMMENTS:		

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CAGE CODE: 1HJX9

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE:

20V-28V INPUT TO USB-C-PD ADAPTER

SIZE	DWG. NO.	REV
B	SN-2050-SUB-XX	A

SCALE: NA | WEIGHT: | SHEET 1 OF 1