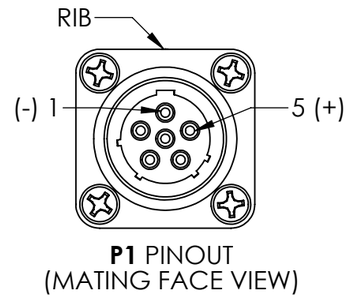
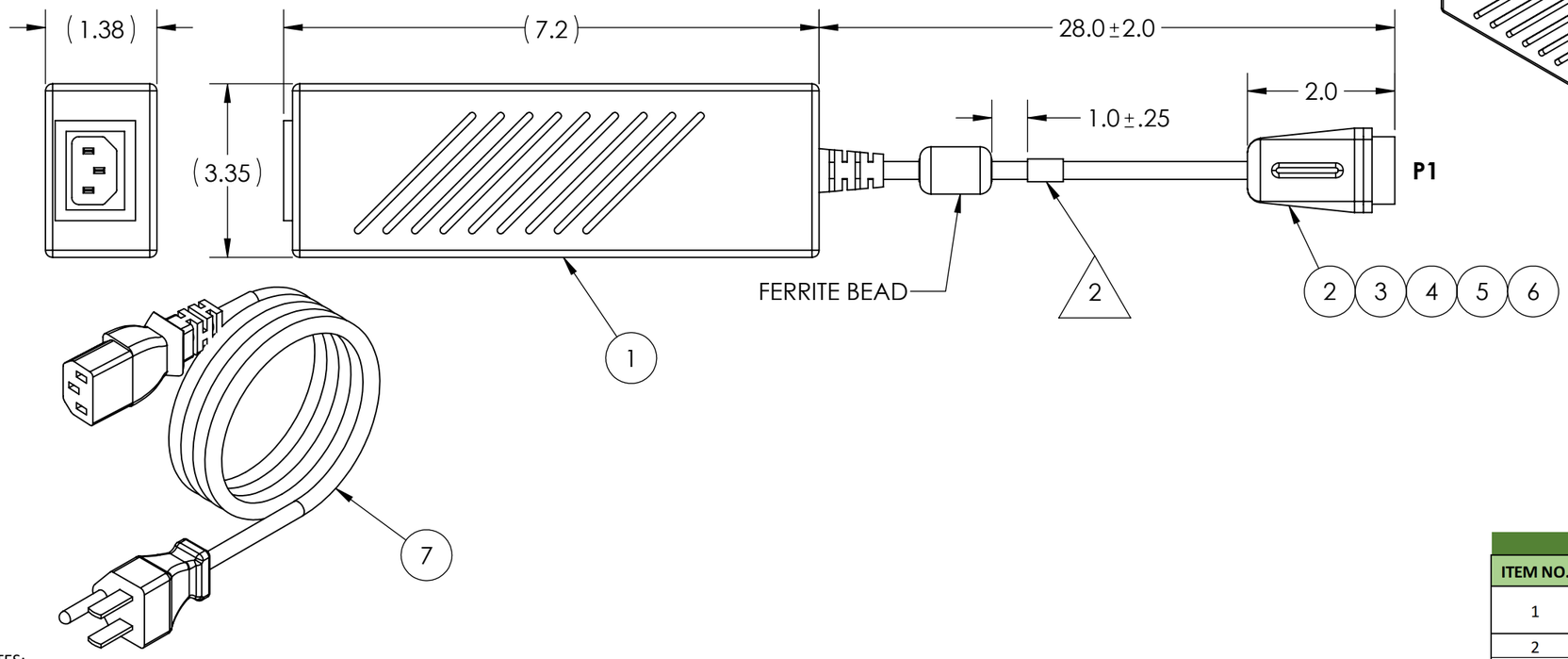
TABLE 1: WIRE RUN LIST	
POWER SUPPLY SIGNAL	P1
(+) 24V	5
GND	1

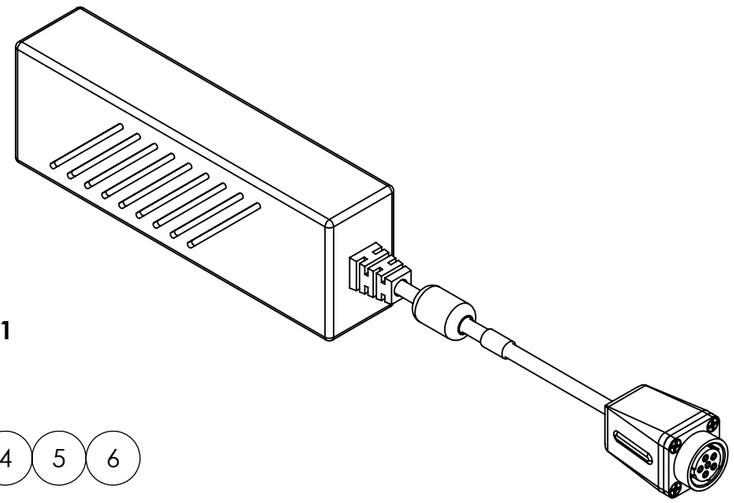
(WIRE COLORS CAN VARY)



P1 PINOUT
(MATING FACE VIEW)

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
B	UPDATED BOM	1/05/2021	TC
C	CHANGED POWER SUPPLY PN	10/31/2022	MOB
D	REDRAWN WITH CHANGE: UPDATED DWG FORMAT, UPDATED POWER SUPPLY MODEL. ADDED POWER CORD TO BOM	5/8/2023	MOB





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 PO.

   (YYYY=YEAR OF MFG, MM=MONTH OF MFG, DD=DAY OF MFG, XXXXX=PO NUMBER)
   - **PN: SN-24V-03 REV.X**
   - **CAGE: 1HJX9**
   - **LOT: TYYYYMMDDPXXXXX**
6. 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 QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
7. 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.
8. 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
1	AQM300PS24	1	AC/DC POWER SUPPLY, OUTPUT: 24V, 12.5A, INPUT: 85-264VAC
2	CONN-BA5590-F-PM-2	1	BA5590 FEMALE CONNECTOR PANEL MOUNT
3	90033A150	4	#6 X 1/2 IN. BLACK OX. SCREW
4	9452K720	1	BUNA-N O-RING, 1/16 IN. -018
5	BE-04	1	BANDING CLAMP
6	SN-24V-03H	1	CONNECTOR HOUSING
7	POWERCORD2	1	NEMA 5-15P TO IEC-320-C13 POWER CORD, 6FT

REF. NUMBER: SN0553

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
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	DRAWN	MOB	5/8/2023
	CHECKED	RB	5/8/2023
	COMMENTS:		
MATERIAL: SEE DRAWING NOTES			
FINISH: SEE DRAWING NOTES			
DO NOT SCALE DRAWING	**CAGE CODE: 1HJX9**		

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SupplyNet — DESIGN ENGINEERING MANUFACTURING

TITLE: **24VDC, 12.5A OUTPUT POWER ADAPTER WITH CONN-BA5590-F-PM-2 CONNECTOR**

SIZE	DWG. NO.	REV
B	SN-24V-03	D

SCALE: NA | WEIGHT: | SHEET 1 OF 1