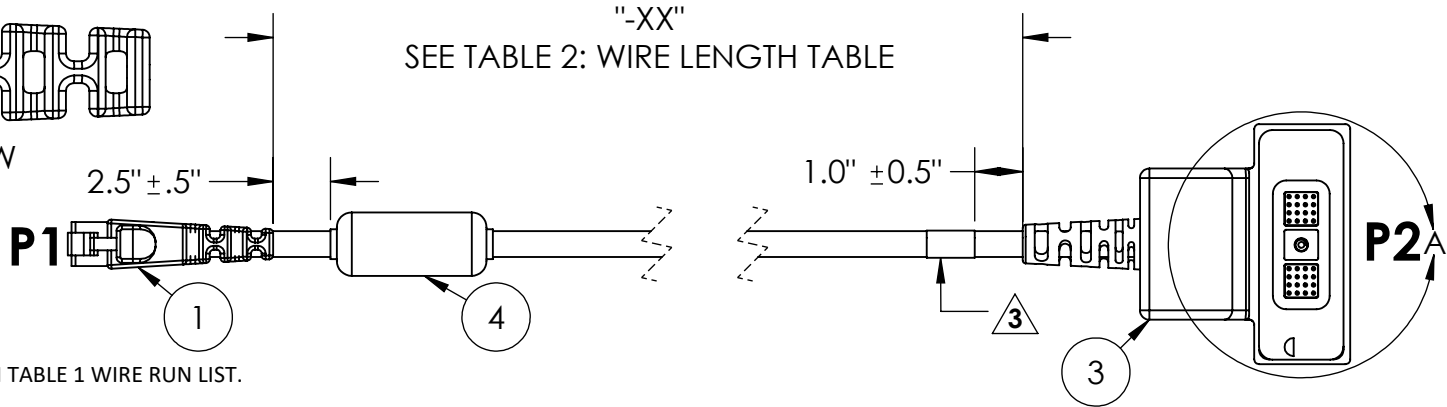
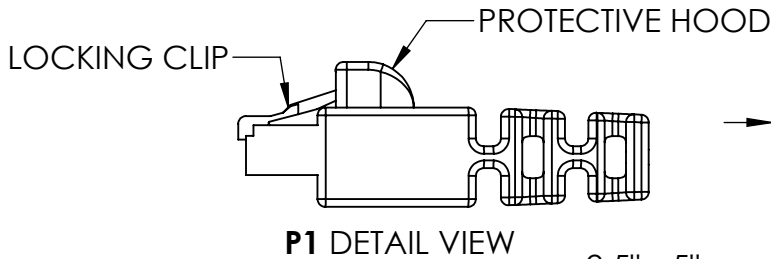
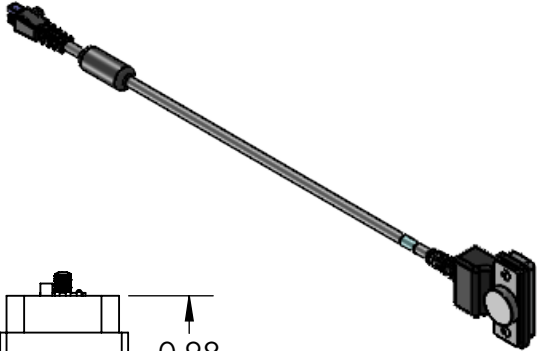
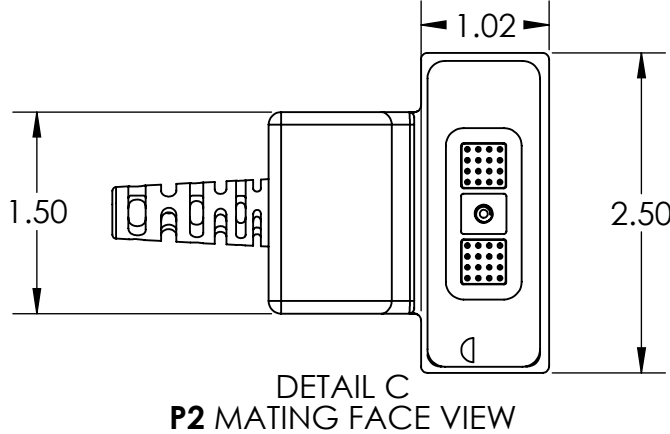
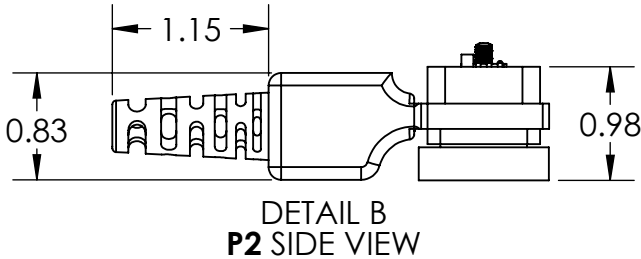
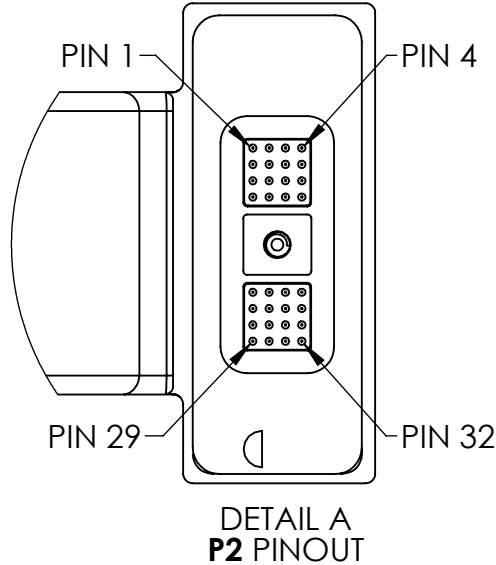
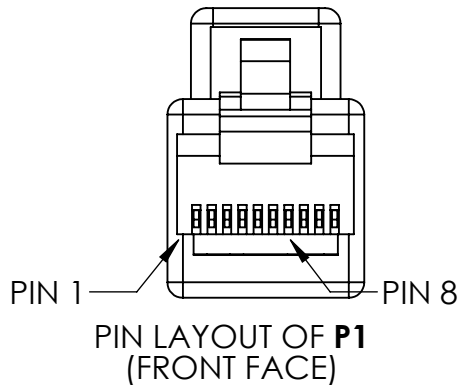


TABLE 1: WIRE RUN LIST		
P1	WIRE COLOR	P2
1	ORANGE	32
2	WHITE	31
3	BLUE	30
6	WHITE	29
SHELL	SHIELD	SHELL

TWISTED PAIR
TWISTED PAIR

TABLE 2: WIRE LENGTH TABLE		
"-XX" FROM P/N	"-XX" DIMENSION (FT.)	TOLERANCE (INCHES)
06	6	±2.5
10	10	±3.0
12	12	±4.0
15	15	±4.0
20	20	±6.0
25	25	±6.0
36	36	±6.0

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	07/21/2025	CWA
B	UPDATED TABLE 2: WIRE LENGTH ADDED 25 FT LENGTH	05/15/2026	CWA



- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. JACKET: POLYURETHANE, BLACK MATTE FINISH.
 3. 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, XXXX=PO NUMBER)
PN: SN-12043-2760-A0XX REV.X
CAGE: 1HJX9
LOT: TYYYYMMDDPXXXXX
 4. 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.
 5. 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.
 6. 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 NUMBER	QTY	NAME	SUPPLIER CODE
1	HBTRJ45-235S-NR	1	RJ45 MALE, WITH HOOD	SCS
2	51286	AR	AWG 26 CABLE, 4C, 2TP .230" DIA.	SN
3	TE-32M-ASSY	1	CONNECTOR ASSEMBLY, INCLUDES HOUSING, FASTENERS, THUMBWHEEL	SN
4	28B0562-200	1	FERRITE CORE	SCS
5	SN0196	1	PCB	SN

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SupplyNet		DESIGN ENGINEERING MANUFACTURING			
DIMENSIONS ARE IN: INCHES		DRAWN	MOB	5/21/2020	TITLE: AN/PRC-117G FRONT EXIT RJ45 ETHERNET CABLE				
TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005		CHECKED	RB	5/21/2020					
ANGULAR: .X*: 1° .XX*: 0.5°		COMMENTS:							
BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH:									
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		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.							
MATERIAL: SEE DRAWING NOTES		SIZE B		DWG. NO. SN-12043-2760-A0XX		REV B			
FINISH: SEE DRAWING NOTES		CAGE CODE: 1HJX9		SCALE: NA		WEIGHT:		SHEET 1 OF 1	
DO NOT SCALE DRAWING									

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