

TABLE 1: WIRE RUN LIST	
BATTERY CONN.	WIRE COLOR
+	RED
+	WHITE
-	GREEN
-	DRAIN

BRIDGED

D

BATTERY CONN.	WIRE COLOR
+	RED
+	WHITE
-	GREEN
-	DRAIN

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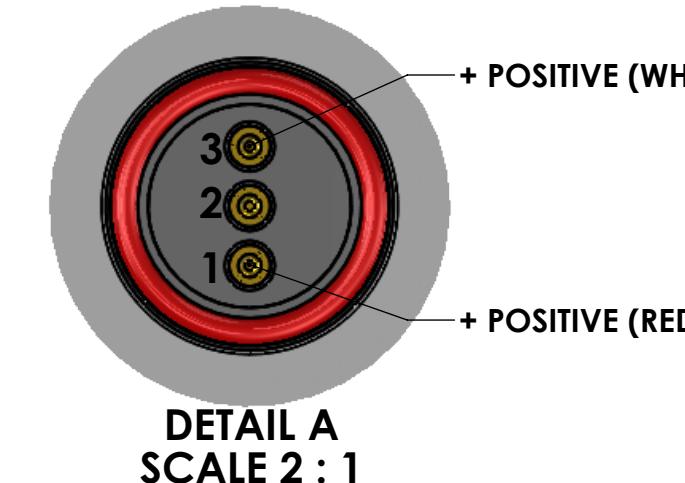
4

3

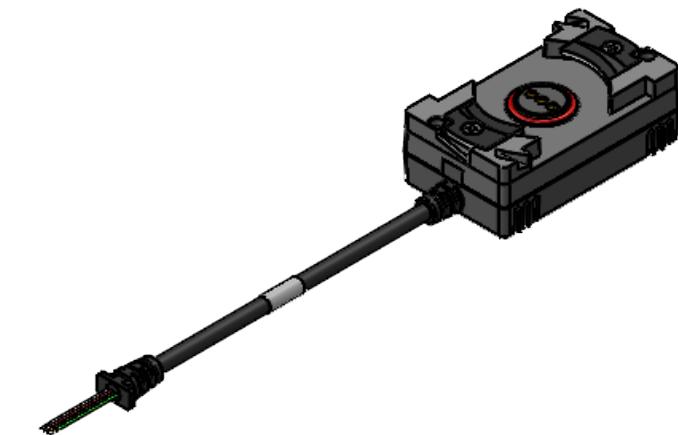
2

1

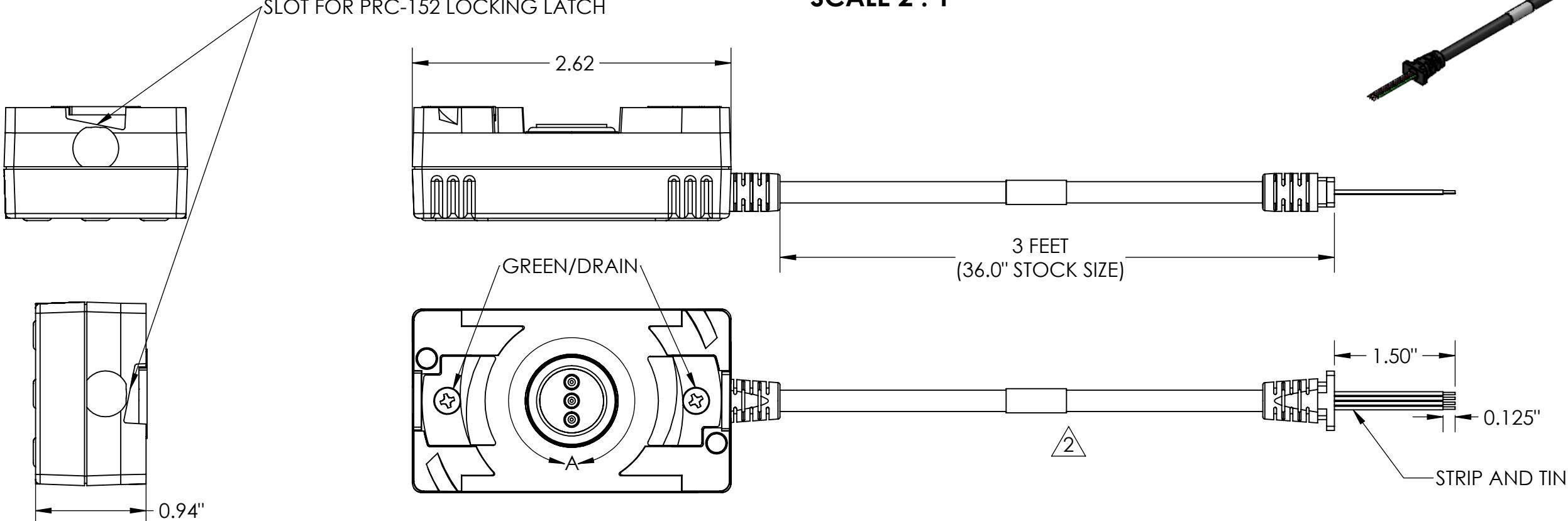
8



REVISIONS			
REV.	DESCRIPTION	DATE	ENG
E	UPDATED MODEL, NOTES & BOM, ADDED PAGE 2	05/23/2024	CWA
F	UPDATED MODEL DIMENSIONS	09/05/2025	CWA



SLOT FOR PRC-152 LOCKING LATCH



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. A. 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: CONN-MBITER REV.X

CAGE: 1HJX9

LOT: TYYYYMMDDPXXXX

3. 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.

4. 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.

5. 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.

**BOM ON PAGE 2

REF. NUMBER: SN0256

SupplyNet

DESIGN
ENGINEERING
MANUFACTURINGTITLE:
AN/PRC-148/152 BATTERY
ADAPTER CABLE
3 FOOTSIZE DWG. NO. REV
B CONN-MBITR F
CAGE CODE: 1HJX9
SCALE: NA WEIGHT: SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
DIMENSIONS ARE IN: INCHES	DRAWN	TC	09/18/14			
TOLERANCES: XX: ± 0.03	CHECKED	RJB	09/18/14			
XXX: ± 0.005						
ANGULAR: $X^{\circ} 1^{\circ}$.XX ^o : 0.5 ^o					
BREAK EDGES: .005 - .020	.005 - .020					
FILLETS: .005 - .020	.005 - .020					
SUFACE FINISH:	.005 - .020					
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.						
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009						
MATERIAL: SEE DRAWING NOTES						
FINISH: SEE DRAWING NOTES						
DO NOT SCALE DRAWING						

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