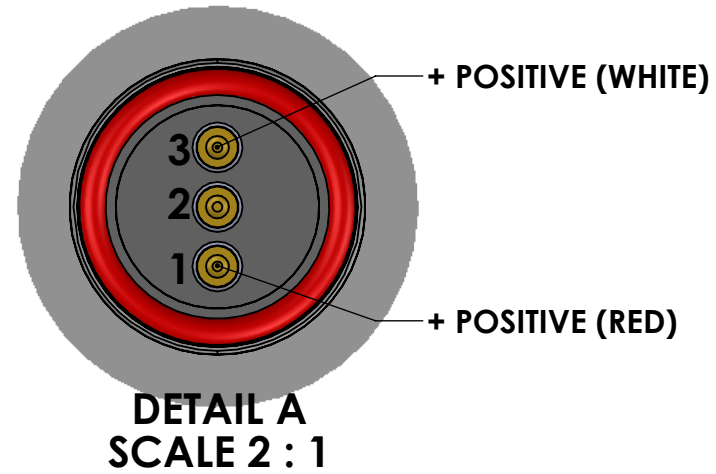
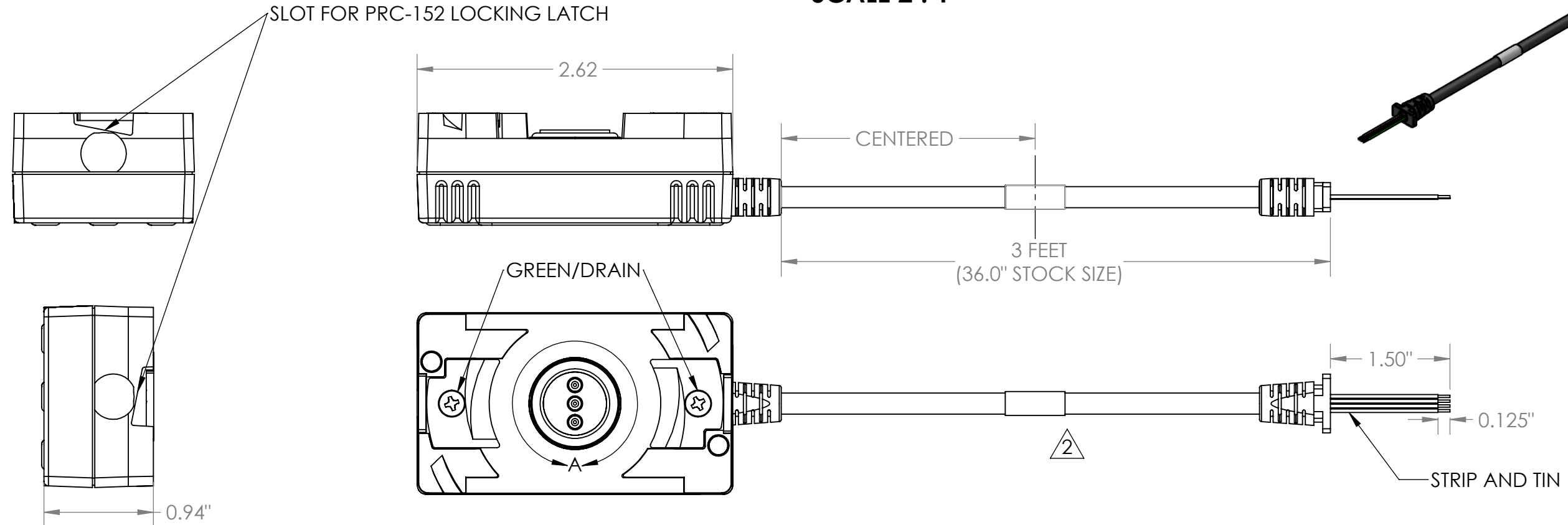
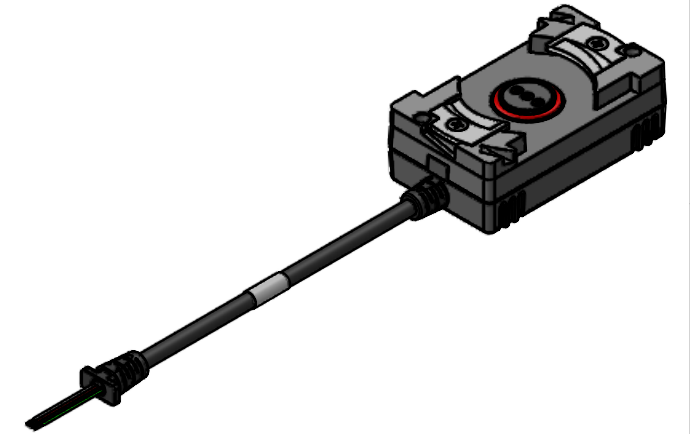


TABLE 1: WIRE RUN LIST	
BATTERY CONN.	WIRE COLOR
+	RED
+	WHITE
-	GREEN
-	DRAIN



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
G	UPDATED BOM; ITEM NO. 11	02/10/2026	CWA



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: TYYYYMMDDPXXXXX

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.

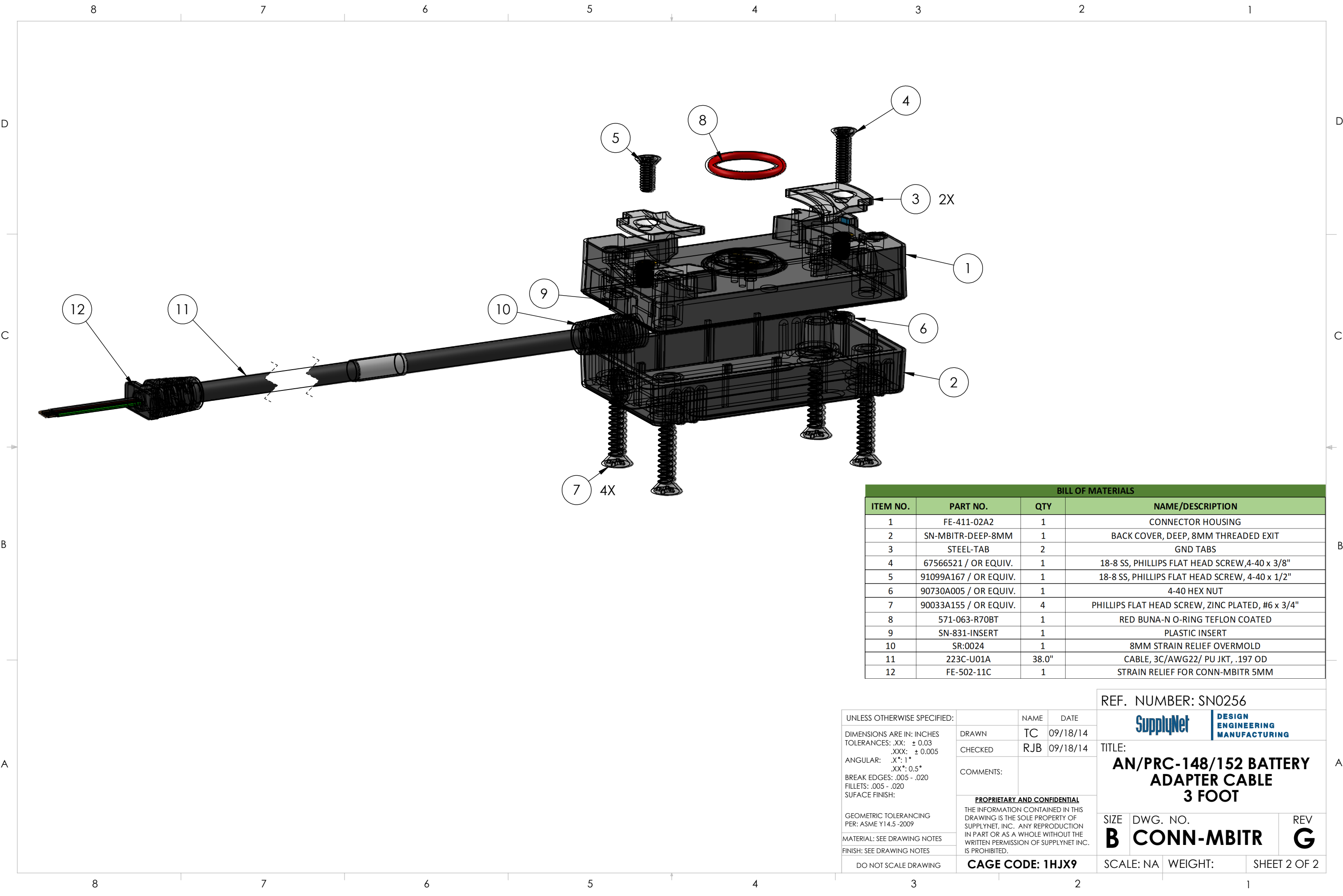
C. CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.

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.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SupplyNet DESIGN ENGINEERING MANUFACTURING		
DIMENSIONS ARE IN: INCHES		DRAWN	TC	09/18/14	TITLE: AN/PRC-148/152 BATTERY ADAPTER CABLE 3 FOOT	
TOLERANCES: .XX: ± 0.03 .XX*: ± 0.005		CHECKED	RJB	09/18/14		
ANGULAR: .XX": 1° .XX*: 0.5°		COMMENTS:				
BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SURFACE FINISH:						
GEOMETRIC TOLERANCING PER: ASME Y14.5 - 2009		<u>PROPRIETARY AND CONFIDENTIAL</u> 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	DWG. NO.		REV	
FINISH: SEE DRAWING NOTES		B	CONN-MBITR		G	
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9		SCALE: NA	WEIGHT:	SHEET 1 OF 2



BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	FE-411-02A2	1	CONNECTOR HOUSING
2	SN-MBITR-DEEP-8MM	1	BACK COVER, DEEP, 8MM THREADED EXIT
3	STEEL-TAB	2	GND TABS
4	67566521 / OR EQUIV.	1	18-8 SS, PHILLIPS FLAT HEAD SCREW, 4-40 x 3/8"
5	91099A167 / OR EQUIV.	1	18-8 SS, PHILLIPS FLAT HEAD SCREW, 4-40 x 1/2"
6	90730A005 / OR EQUIV.	1	4-40 HEX NUT
7	90033A155 / OR EQUIV.	4	PHILLIPS FLAT HEAD SCREW, ZINC PLATED, #6 x 3/4"
8	571-063-R70BT	1	RED BUNA-N O-RING TEFLON COATED
9	SN-831-INSERT	1	PLASTIC INSERT
10	SR:0024	1	8MM STRAIN RELIEF OVERMOLD
11	223C-U01A	38.0"	CABLE, 3C/AWG22/ PU JKT, .197 OD
12	FE-502-11C	1	STRAIN RELIEF FOR CONN-MBITR 5MM

UNLESS OTHERWISE SPECIFIED:		NAME		DATE		SupplyNet		DESIGN ENGINEERING MANUFACTURING								
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SURFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5-2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING	DRAWN	TC	09/18/14		TITLE: AN/PRC-148/152 BATTERY ADAPTER CABLE 3 FOOT											
	CHECKED	RJB	09/18/14													
	COMMENTS:				SIZE B					DWG. NO. CONN-MBITR		REV G				
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.					CAGE CODE: 1HJX9			SCALE: NA		WEIGHT:		SHEET 2 OF 2	