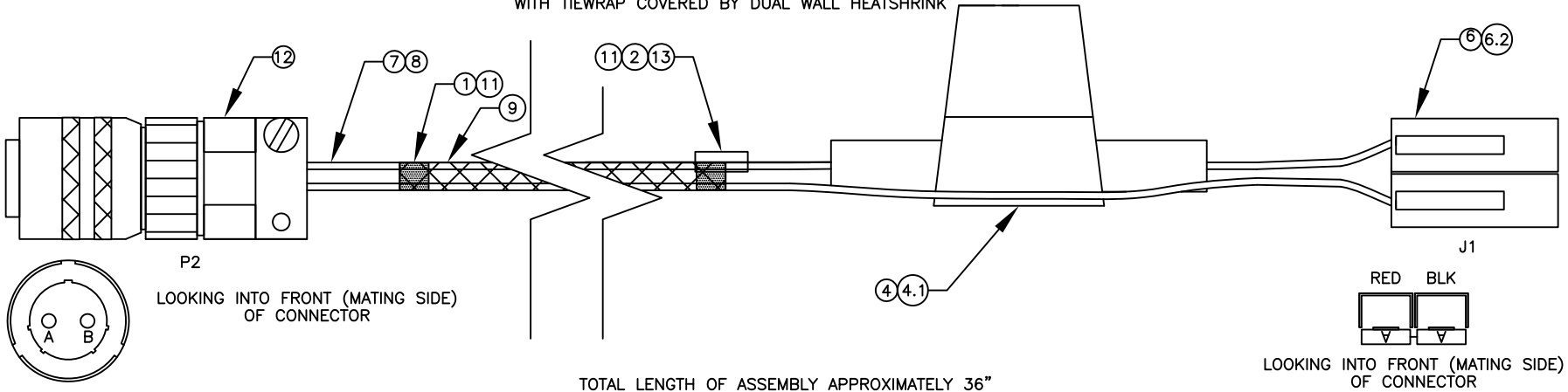


NOTES
 ALL DIMENSIONS INCHES. BUILD TO IPC/WHMA-A-620 CLASS 2 ASSEMBLY STANDARD.
 INSERT FUSE HOLDER INTO RED (POSITIVE) CONDUCTOR GOING TO J1.
 THE FUSE HOLDER COMES WITH 14AWG 4 INCH PIGTAILS ON BOTH SIDES, LAP SPLICE (SOLDER) TO THE WIRE ON THE SIDE GOING TO THE CIRCULAR CONNECTOR, CONNECT THE OTHER PIGTAIL DIRECTLY J1.
 INSTALL 7.5 AMP FUSE INTO FUSEHOLDER.
 P2 ONLY USE THREADLOCKER 242 ON ALL THREADED CONECTIONS
 SECURE BACKSHELL TO P2 BY MATING P2 TO CONNECTOR PTB10-2PS. APPLY 35 INCH POUNDS TORQUE MINIMUM
 REMOVE AND DISPOSE OF ONE WAVE SPRING FROM P2 BEFORE ASSEMBLY

WIRING DIAGRAM		
P2	WIRE COLOR CODE	J1
A	BLACK	BLK
B	RED	RED

LAP SPLICE 16AWG 1 INCH FROM FUSE
 TERMINATE BRADE 1 INCH FROM FUSE AND P2 SECURE
 WITH TIEWRAP COVERED BY DUAL WALL HEATSHRINK



ZONE	REV	DESCRIPTION	DATE	APPROVED
1	ADD NOTE REMOVE ONE WAVE SPRING	20221013		
2	USE ANDERSON POWER POLE	20221108		
3	MAKE CONNECTOR NUMBER IN NOTES CORRECT	20221108		

1	HEATSHRINK, DUAL WALL, POLYOLEFIN, 8MM, BLACK	????	???	1
2	HEATSHRINK, DUAL WALL, POLYOLEFIN, 8MM, RED	????	???	1
4	FUSE HOLDER MINI FUSE FK1 SERIES	LITTELFUSE	OFHM0001XP	1
4.1	FUSE BLADE 7.5A 32V MINI FAST-ACT	LITTELFUSE	Digikey F990-ND	1
6	2 WIRE STANDARD HOUSING ULTRASONICALLY BONDED PP15-45	ANDERSON POWER PRODUCTS	ASMPP30-1X2-RK	1
6.2	CONTACT, 16-12 AWG, CRIMP, SILVER PLATED	ANDERSON POWER PRODUCTS	1331	1
7	WIRE, 16AWG, UL1015/1335 HOOKUP WIRE, BLACK	GENERAL CABLE / CAROL BRAND	C76512.18.01	1
8	WIRE, 16AWG, UL1015/1335 HOOKUP WIRE, RED	GENERAL CABLE / CAROL BRAND	C76512.18.03	1
9	BRAIDED SLEEVING 0.250", BLACK POLYIMIDE MONOFILAMENT	TECHFLEX	NMNO.25BK	1
11	TIE WRAP, 4"	????	???	2
12	2 Position Circular Connector Socket, Female Pins Solder Cup Gold	AMPHENOL	PT06E-10-2S(SR)	1
13	HEATSHRINK, SINGLE WALL, POLYOLEFIN, 5MM, RED	????	???	1
FIND_ID	NAME	MANUFACTURER	PART_NUMBER	Count

BILL OF MATERIALS

NFC-NICD
 CABLE ASSEMBLY
 REPEATER SHORE POWER ADAPTER

CREATED: 20201018

SIZE	CAGE CODE	IA CODE	NRSC DWG NO.	REV
A	XXXXX	XXXXX-B180	40028	3
SCALE: NONE				SHEET 01 OF 01