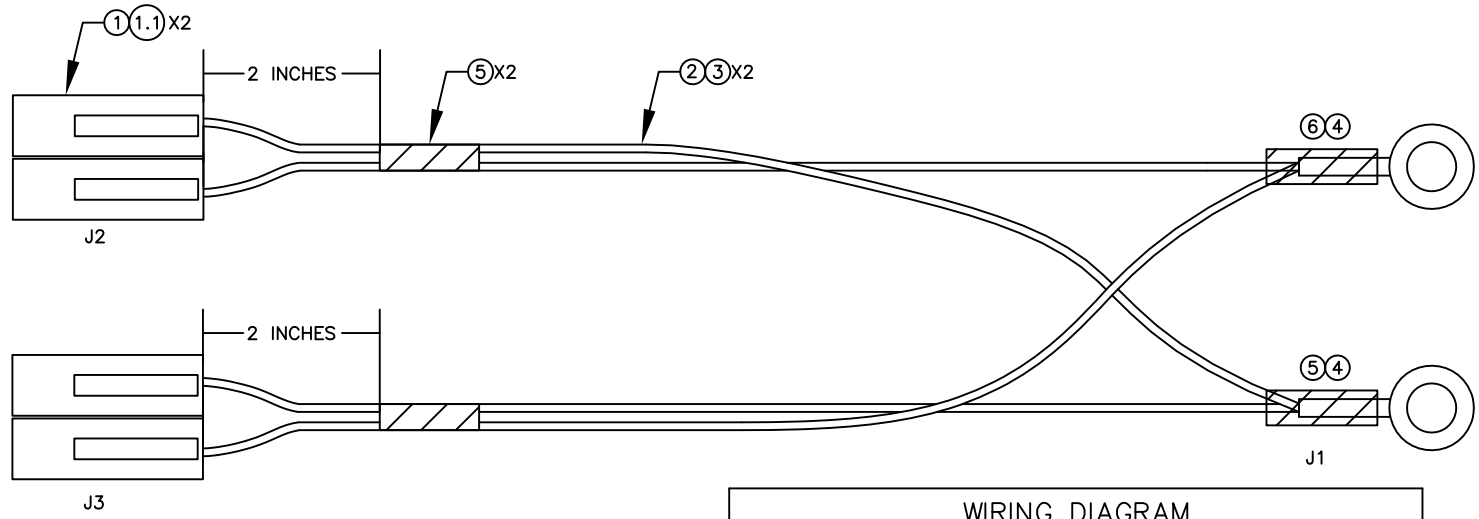


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	USE 14AWG WIRE	20230113	

NOTES
 ALL DIMENSIONS INCHES. BUILD TO IPC/WHMA-A-620 CLASS 2 ASSEMBLY STANDARD.
 TOTAL LENGTH OF ASSEMBLY IS 10 INCHES, CUT ALL WIRE SEGMENTS THE SAME LENGTH 9.5" APPROXIMATELY
 USE 1.5 INCH LONG HEAT SHRINK
 USE APPROPRIATE COLORED HEATSHRINK (RED OR BLK) ON RING TERMINALS TO INDICATE POLARITY
 USE ONE PIECE OF BLACK HEAT SHRINK TO HOLD CONDUCTORS TOGETHER AT LOCATION SHOWN



RED BLK
 LOOKING INTO FRONT (MATING SIDE)
 OF CONNECTOR

WIRING DIAGRAM			
J1	WIRE COLOR CODE	J2	J3
BLK	BLACK	BLK	BLK
RED	RED	RED	RED

6	Heat Shrink Tubing 3:1 Dual Wall 3/8, red, LENGTH 1.5 INCH	3m	ES300-3/8-48"-Red-Bulk	1
5	Heat Shrink Tubing 3:1 Dual Wall 3/8, Black, LENGTH 1.5 INCH	3m	EPS300-3/8-48"-Black-bulk	3
4	TERMINAL RING, 10-12AWG, 1/4" STUD	MCMMASTER CARR	7113K18	2
3	14 AWG HOOK-UP WIRE 41/30, BLK, TINNED COPPER	ALPHAWIRE	3079 BK	2
2	14 AWG HOOK-UP WIRE 41/30, RED, TINNED COPPER	ALPHAWIRE	3079 RD	2
1.1	CONTACT, 16-12 AWG, CRIMP, SILVER PLATED	ANDERSON POWER PRODUCTS	1331	4
1	2 WIRE STANDARD HOUSING ULTRASONICALLY BONDED PP15-45	ANDERSON POWER PRODUCTS	ASMPP30-1X2-RK	2
FIND_ID	NAME	MANUFACTURER	PART_NUMBER	Count

BILL OF MATERIALS

NIFC-NIICD
 CABLE ASSEMBLY
 REPEATER BATTERY CABLE

CREATED: 20221013

SIZE	CAGE CODE	IA CODE	NIRSC DWG NO.	REV
A	XXXXX	XXXXX-B180	40039	1
SCALE: NONE				SHEET 01 OF 01