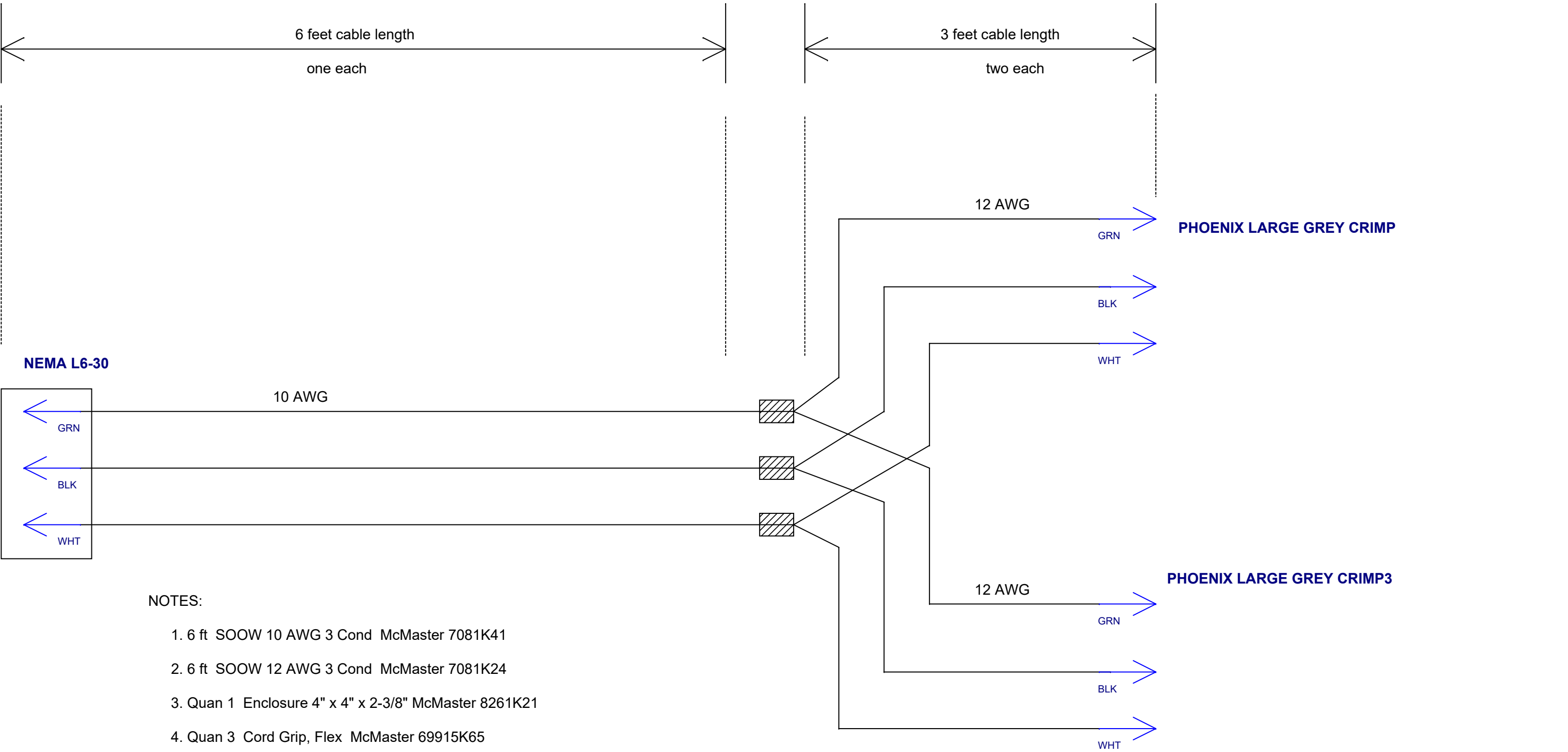




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Title		
220 VAC FAN OUT		
Size	Document Number	Rev
B	<Doc>	A
Date:	Monday, August 06, 2018	Sheet 1 of 1

LUGS: CRIMP AND SOLDER

YELLOW 3/8" RING

LUG_1



1

RED

RED

RED

RED

LUG_2



1

RED

RED

BLK

BLK

BLK

LUG_3



1

BLK

BLK

BLK

LUG_4



1

RED

BLK

BANANA JACKS

LUG_5



1

GRN #16 AWG 12" LONG

GRN

BLUE #8 RING

CHASSIS GROUND

(ALL CABLES 40" LENGTH FOR FLY - AWAY - P/S HARDIGG CASES)

WIRE: 14 AWG RED AND BLACK 12" LONG

(40" LENGTH FOR FLY - AWAY - P/S HARDIGG CASES)

22 AWG ORG AND GRN 18" LONG

(40" LENGTH FOR FLY - AWAY - P/S HARDIGG CASES)

TWIST WIRES TOGETHER

ORG

J1

J1-7

J1-8

J1-9

J1-10

J1-11

J1-12

GRN

J1-1

J1-2

J1-3

J1-4

J1-5

J1-6

ORG

GRN

J2

ON SHORE TECHNOLOGY

EDZ1550/5

DIGIKEY ED1963-ND

VIEW: POLARIZING KEYS UP

ORG

GRN

J3

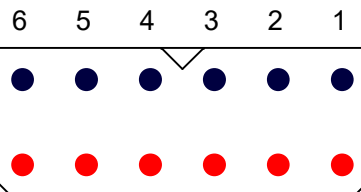
ON SHORE TECHNOLOGY

EDZ1550/5

DIGIKEY ED1963-ND

BUS RTN

S-



J1

12 11 10 9 8 7

BUS PLUS

S+

POSITRONIC PLB12F0000

FEMALE FACE VIEW

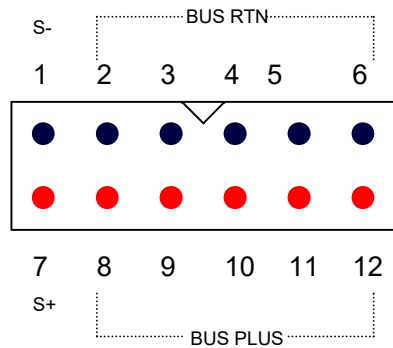
CONTACTS 2-6 & 8-12:
FEMALE CRIMP PINS FC114N2/AA

CONTACTS 1 & 7:
FEMALE CRIMP PINS FC120N2

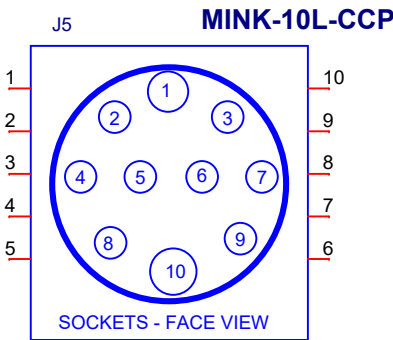
**NOTE: SWAPPED POLARITY OF
POSITRONIC CONNECTOR J1**

FILE LOCATION: PROJECT_LIBRARY\368000_DMO_AUV\Schematics\CABLES

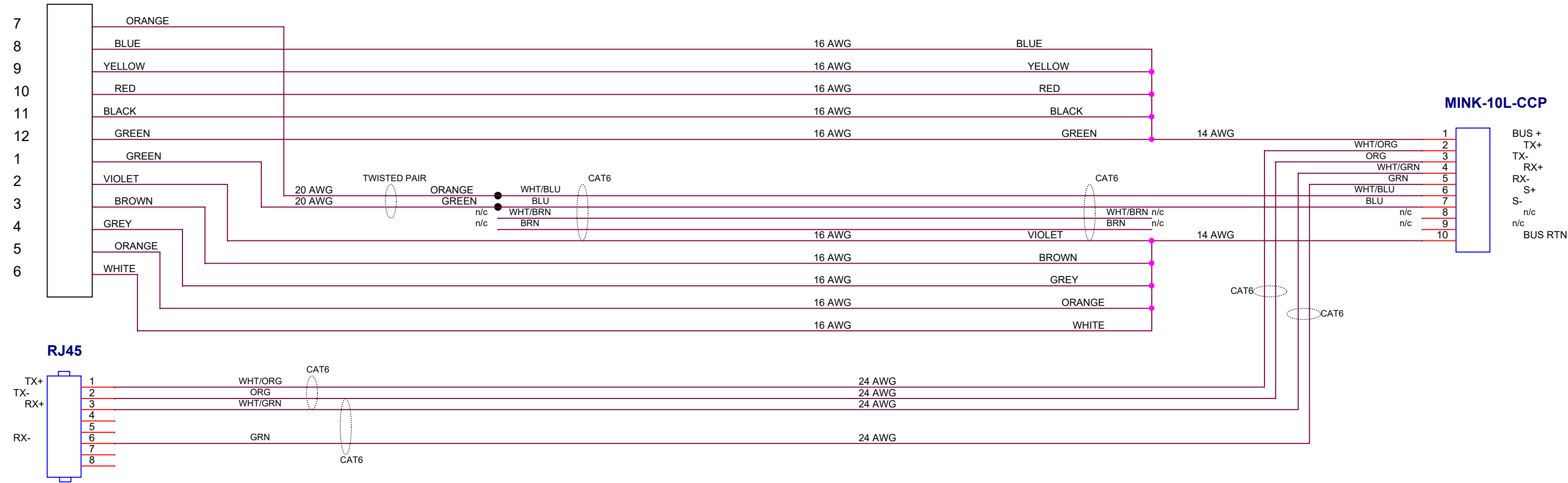
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BUS_BARS_TO_POSITRONIC			
Size	Document Number		Rev
B	100221308		B
Date:	Wednesday, November 21, 2018	Sheet	1 of 1



POSITRONIC PLB12M0000
MALE FACE VIEW
MALE CRIMP PINS MC116N (PINS 2-6 & 8-12)
MALE CRIMP PINS MC120N (PINS 1 & 7)

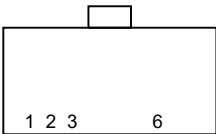


POSITRONIC PLB12M0000



RJ45

MINK-10L-CCP



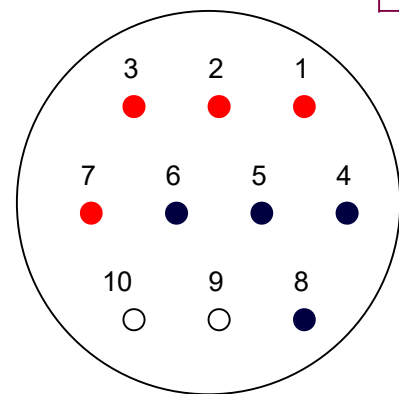
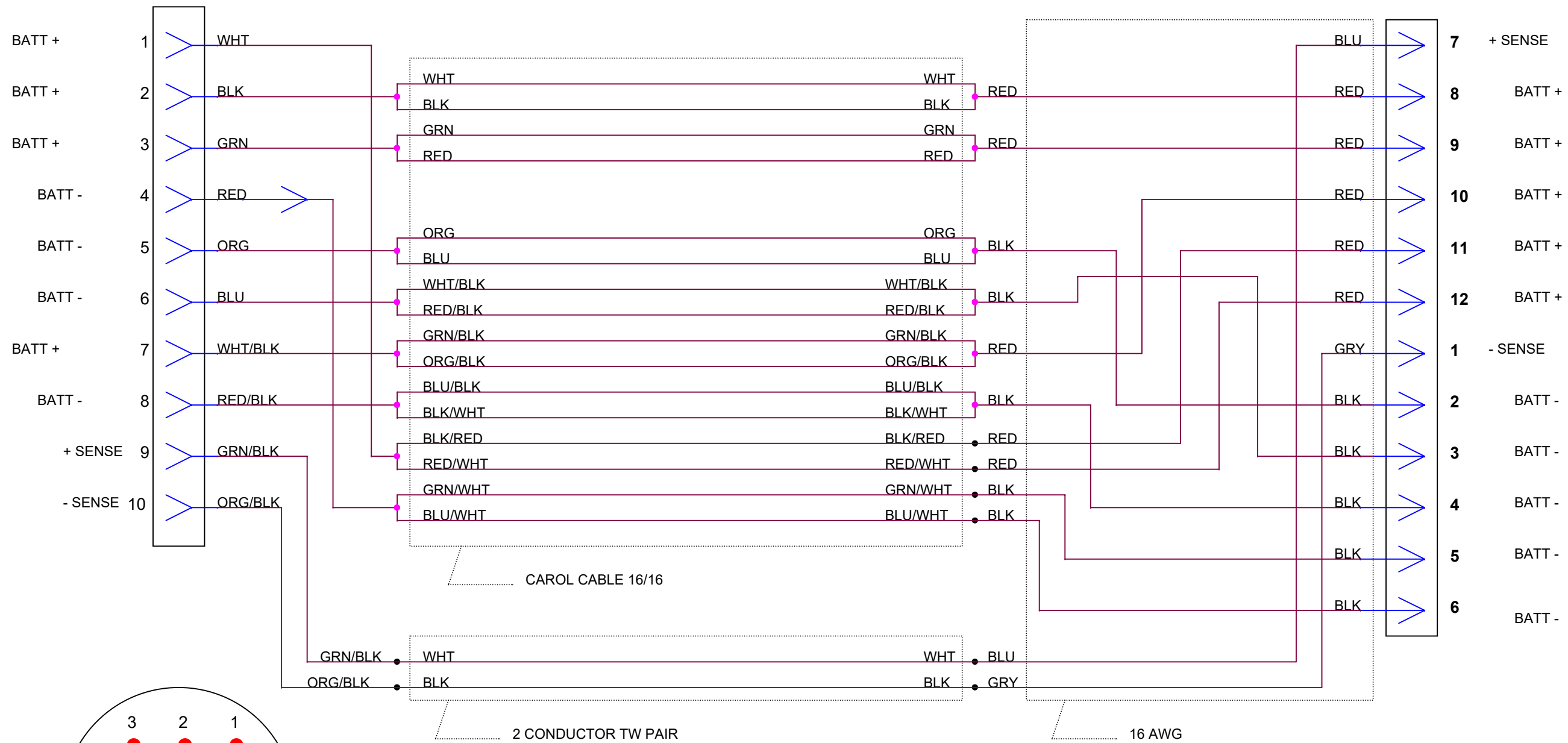
RJ45
FACE VIEW
CLIP UP

LENGTH 85 FT

**NOTE: SWAPPED POLARITY OF
POSITRONIC CONNECTOR**

FILE LOCATION: PROJECT_LIBRARY\368000_DMO_AUV\Schematics\CABLES

Title		
COMMS TETHER		
Size	Document Number	Rev
B	100221308	B
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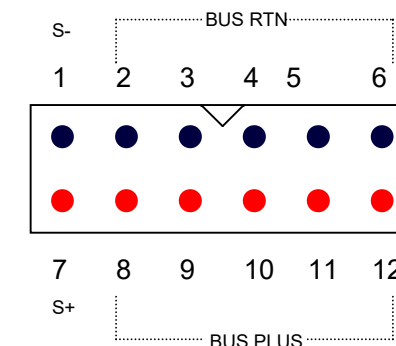


SEACONN-MINM-CCP
FEMALE FACE VIEW

**NOTE: SWAPPED POLARITY OF
POSITRONIC CONNECTOR J1**

Rev B: MINM-CCP Pins 1 and 4 now HiCurrent
Pins 9 and 10 now Sense Lines

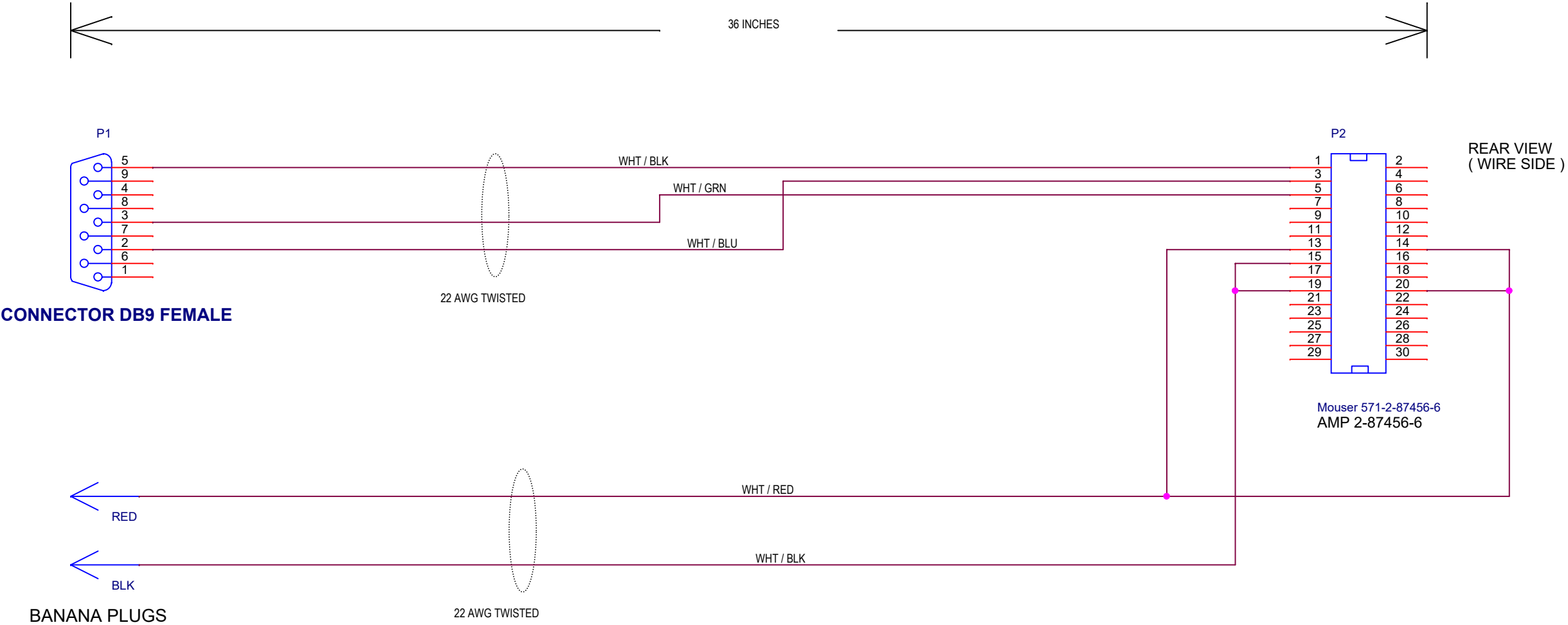
Rev C: Tether has a Seaconn-MINM-CCP
(was shown as MINM-CCR)



POSITRONIC PLB12M0000
MALE FACE VIEW
MALE CRIMP PINS MC116N

FILE LOCATION: PROJECT_LIBRARY\368000_DMO_AUV\Schematics\CABLES

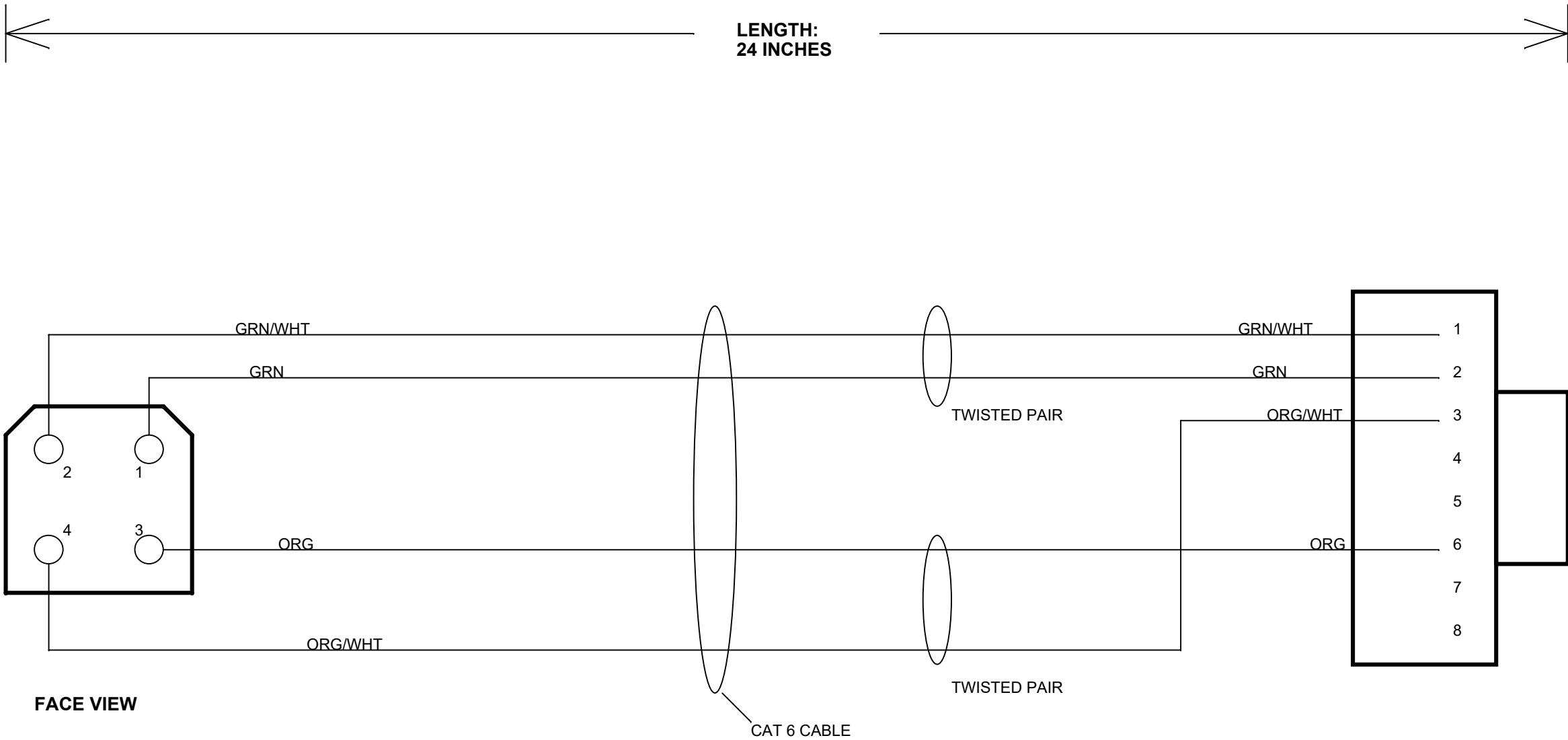
Title		
HIGH CURRENT DECK TETHER		
Size	Document Number	Rev
B	100221308	D
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- NOTES:**
- 1. PIN 1 OF P2 IS LOCATED INBOARD ON THE DG14
 - 2. POWER 5VDC ABOUT 250 mA
 - 3. SERIAL CABLE IS ON PORT A
8 - N - 1
 - 4. DG14 REFERENCE MANUAL:
\\ATLAS\PROJECT\LIBRARY\368000_DMO_AUV\MANUALS\DG14_GPS

FILE LOCATION: PROJECT_LIBRARY\368000_DMO_AUV\Schematics\CABLES

Title		
DG14_Test_Cable		
Size	Document Number	Rev
B	<Doc>	A
Date:	Thursday, February 23, 2017	Sheet 1 of 1



FACE VIEW

HARWIN 4 PIN FEMALE
DATAMATE L-TEK SERIES
M80-8890405
DGK: 952-1207-ND

RJ45

CINCH 32-5958UL
DGK: J10088-ND

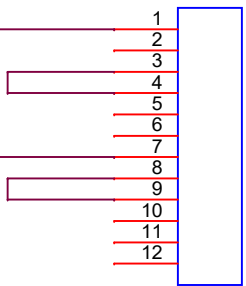
CABLE CONNECTS 41 CELL REV B HARWIN JACK J23
TO RJ45 JACK ON EOM - 104 ASSEMBLY

FILE LOCATION: PROJECT_LIBRARY\368000_DMO_AUV\Schematics\CABLES

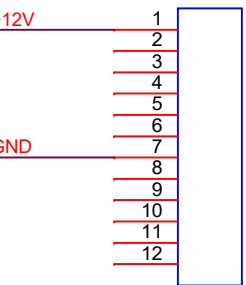
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SCH, HARWIN TO RJ45		
Size	Document Number	Rev
B	10021176_ENET	A
Date:	Thursday, February 23, 2017	Sheet 1 of 1



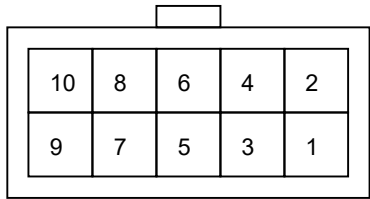
CON10



CON12



CON12

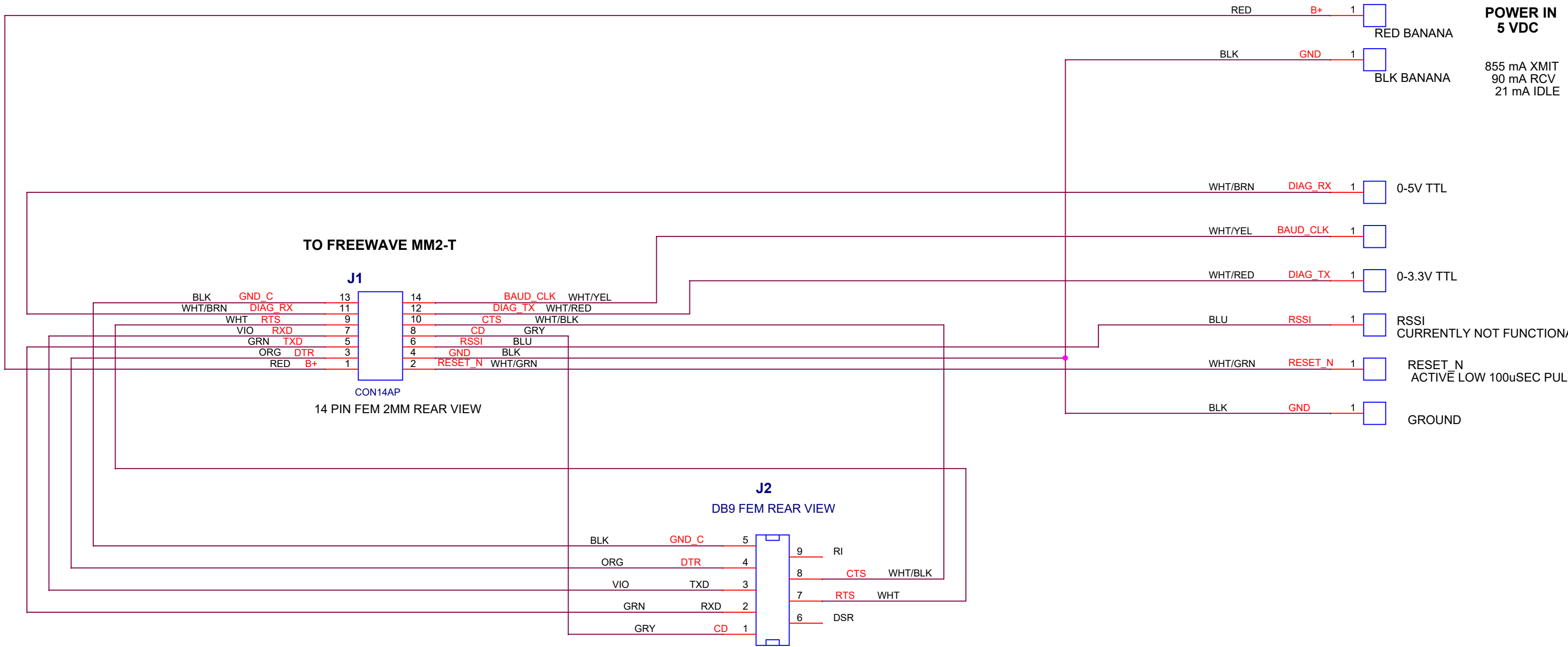


FEMALE FACE VIEW

PS BOARD CONNECTORS

2 Ea: POSITRONIC PLB12F0000

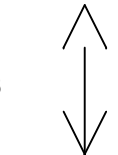
Title		
SCH, PC104 CPU DC PWR CABLE		
Size	Document Number	Rev
B	<Doc>	A
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NOTES:

1. J1: 14 PIN HSG DGK 609-2750-ND
CONTACTS DGK 609-2653-1-ND
CRIMPER HIROSE DF11-TA2428HC
MBARI - 0228
2. 232LPTTL33 LEVEL SHIFTER
PORT POWERED
DGK 1165-1130-ND
3. OVERALL CABLE LENGTH 24 INCHES
4. MM2-T MANUAL:
\\ATLAS\PROJECTLIBRARY\368000_DMO_AUV
manuals\FreeWave_MM2-T

3V3 LOGIC LEVELS



B&B ELEX
232LPTTL33

TTL/CMOS
DB9 MALE

RS-232
DB9 FEM

DB9 MALE

DB9 FEMALE

RS-232 TO PC SERIAL PORT

Title		
SCH, FREEWAVE MM2-T TEST CABLE		
Size	Document Number	Rev
B	<Doc>	A
Date:	Thursday, February 23, 2017	Sheet 1 of 1

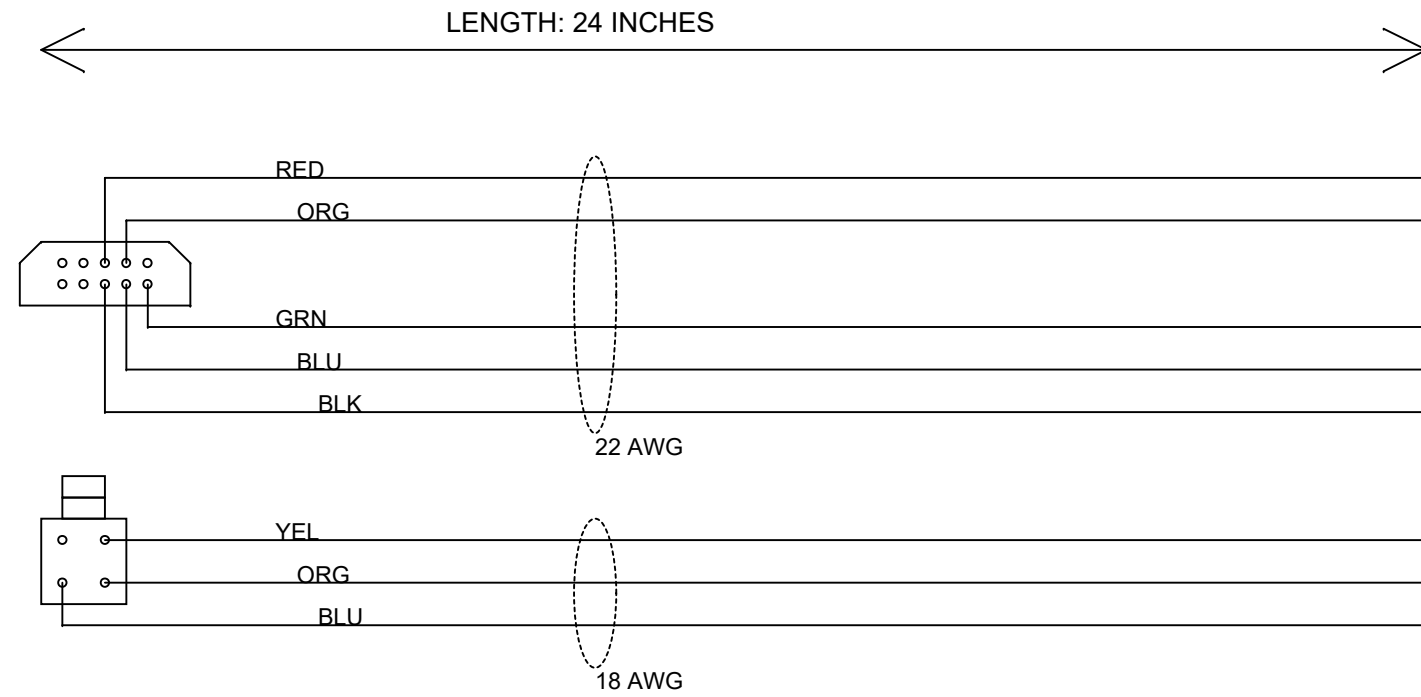
PROP

PROP HARWIN REAR VIEW

HSG: DGK 952-1210
FEM CONTACT: INCLUDED
ins dia .047" strip .085" cu dia 0.030"

PROP MOLEX
MINI-FIT JR
REAR VIEW

HSG: DGK WM3701
FEM CONTACT: DGK WM18518
ins dia .0695" strip .080" cu dia 0.047"



QUAN 4

QUAN 4

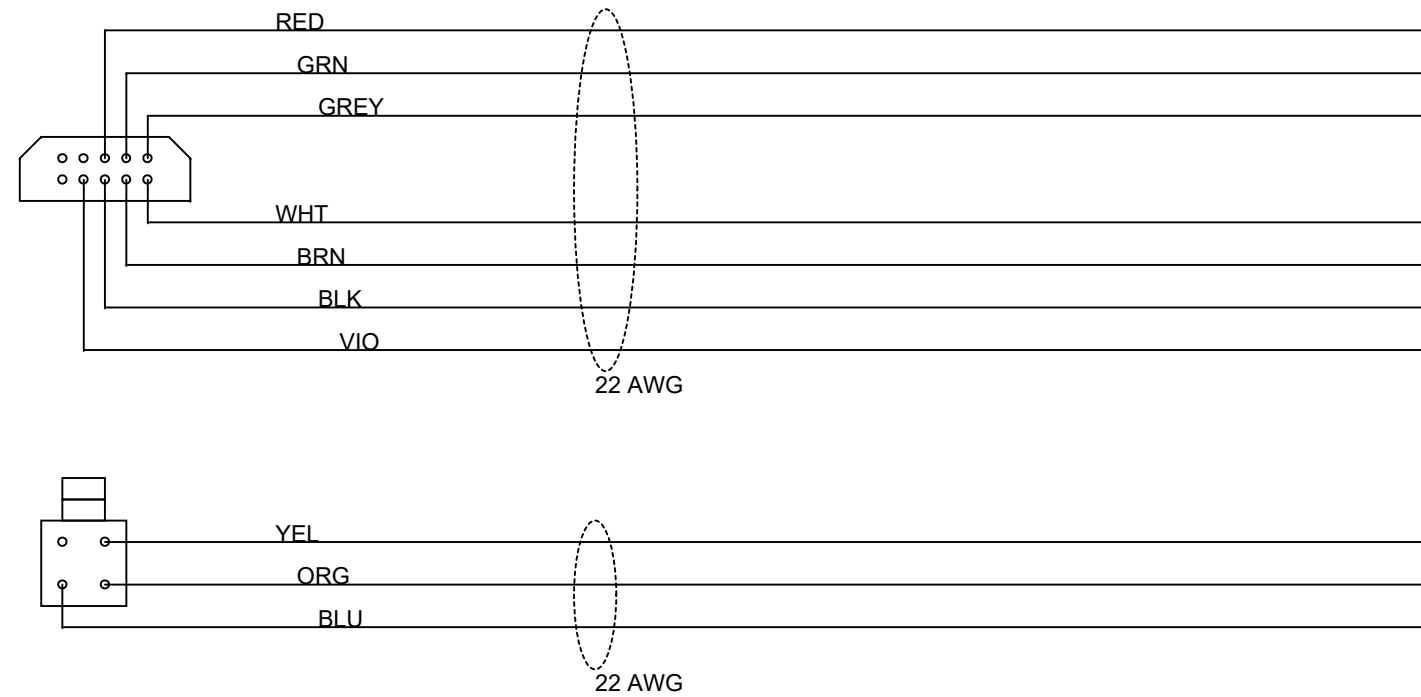
ELEV
RUDR

ACTUATOR HARWIN REAR VIEW

HSG: DGK 952-1210
FEM CONTACT: INCLUDED
ins dia .047" strip .085" cu dia 0.030"

ACTUATOR MOLEX
MINI-FIT JR
REAR VIEW

HSG: DGK WM3701
FEM CONTACT: DGK WM18518
ins dia .0695" strip .080" cu dia 0.047"

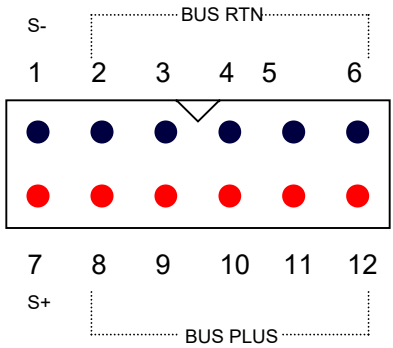


QUAN 8

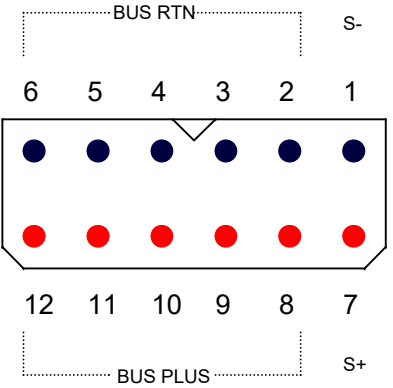
QUAN 8

EXTRA HARWIN FEM 22 AWG GOLD
CRIMP CONTACTS
DGK: 952-1049-ND

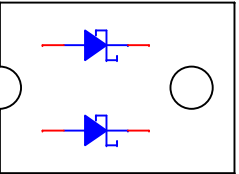
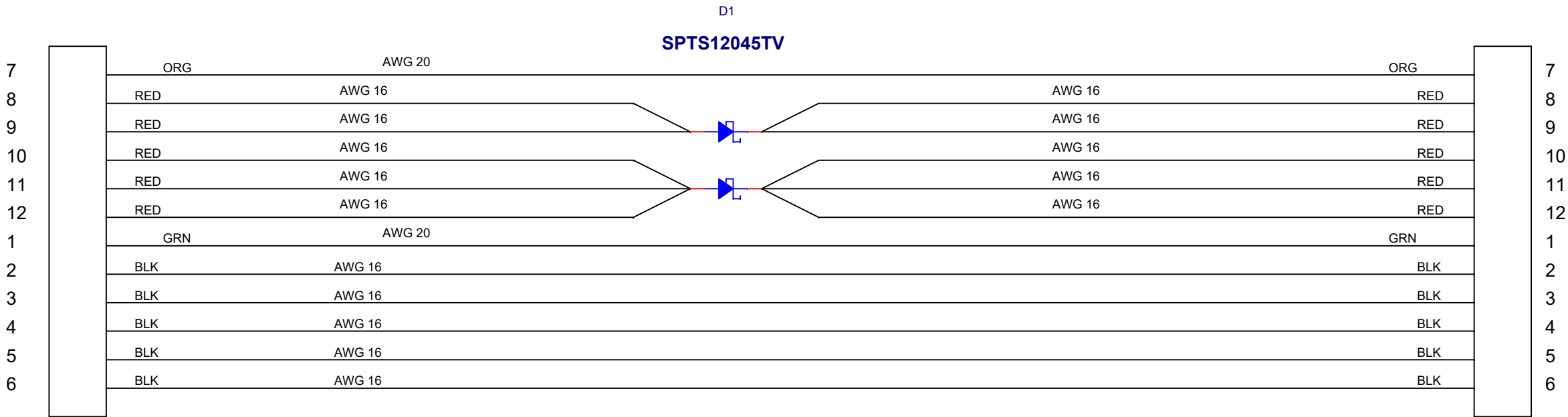
Title		
SCH, WIRING HARNESS, TAILCONE		
Size	Document Number	Rev
B	<Doc>	A
Date:	Thursday, February 23, 2017	Sheet 1 of 1



POSITRONIC PLB12M0000
MALE FACE VIEW
MALE CRIMP PINS MC116N (PINS 2-6 & 8-12)
MALE CRIMP PINS MC120N (PINS 1 & 7)



POSITRONIC PLB12F0000
FEMALE FACE VIEW
FEMALE CRIMP PINS FS116N2 (PINS 2-6 & 8-12)
FEMALE CRIMP PINS FS120N2 (PINS 1 & 7)



TOP VIEW
(#6 SCREWS)

19" RACK 1U PANEL
HAMMOND PBPA19001UNF
DGK: HM808-ND

**NOTE: SWAPPED POLARITY OF
POSITRONIC CONNECTORS**

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Title		
SCH, SCHOTTKY PANEL (COMMS TETHER)		
Size	Document Number	Rev
B	100221308	B
Date:	Wednesday, November 21, 2018	Sheet 1 of 1