

| | | | | | |
|------------|----|--|---------------------------|----|---------------------------------|
| 33467-0005 | 1 | (CAN-A L) P2041:3 (GN_18_CABLE) CBL2051-GN | 34586-0001 | 34 | () (PLUG) |
| 33467-0005 | 2 | (CAN-B L) P2091:1 (GN_18_CABLE) CBL2091-GN | 34586-0001 | 35 | () (PLUG) |
| 34586-0001 | 3 | () (PLUG) | 34586-0001 | 36 | () (PLUG) |
| 33467-0005 | 4 | () ADD2031:ADDR_L (LEAD) | 34586-0001 | 37 | () (PLUG) |
| 34586-0001 | 5 | () (PLUG) | 34586-0001 | 38 | () (PLUG) |
| 34586-0001 | 6 | () (PLUG) | 33467-0005 | 39 | (1C1-39) P3001:C (VT_18_TXL) |
| 34586-0001 | 7 | () (PLUG) | 33467-0005 | 40 | (1C1-40) P3001:E (OG_18_TXL) |
| 34586-0001 | 8 | () (PLUG) | 33467-0005 | 41 | (1C1-41) P3001:G (YE_18_TXL) |
| 34586-0001 | 9 | () (PLUG) | 33467-0005 | 42 | (1C1-42) P3001:J (GN_18_TXL) |
| 34586-0001 | 10 | () (PLUG) | 34586-0001 | 43 | () (PLUG) |
| 34586-0001 | 11 | () (PLUG) | 34586-0001 | 44 | () (PLUG) |
| 34586-0001 | 12 | () (PLUG) | 33467-0005 | 45 | (1C1-45) P3001:R (OG-RD_18-TXL) |
| 34586-0001 | 13 | () (PLUG) | 33467-0005 | 46 | (1C1-46) P3001:S (GN-RD_18_TXL) |
| 34586-0001 | 14 | () (PLUG) | 33467-0005 | 47 | (1C1-47) P3231:1 (BU_18_TXL) |
| 34586-0001 | 15 | () (PLUG) | 34586-0001 | 48 | () (PLUG) |
| 34586-0001 | 16 | () (PLUG) | 34586-0001 | 49 | () (PLUG) |
| 33467-0005 | 17 | (CAN-A H) P2041:4 (YE_18_CABLE) CBL2051-YE | 34586-0001 | 50 | () (PLUG) |
| 33467-0005 | 18 | (CAN-B H) P2091:2 (YE_18_CABLE) CBL2091-YE | 34586-0001 | 51 | () (PLUG) |
| 34586-0001 | 19 | () (PLUG) | 34586-0001 | 52 | () (PLUG) |
| 33467-0005 | 20 | () ADD2031:ADDR_H (LEAD) | 34586-0001 | 53 | () (PLUG) |
| 34586-0001 | 21 | () (PLUG) | 34586-0001 | 54 | () (PLUG) |
| 34586-0001 | 22 | () (PLUG) | 33467-0005 | 55 | (1C1-55) P3001:D (VT-BK_18_TXL) |
| 34586-0001 | 23 | () (PLUG) | 33467-0005 | 56 | (1C1-56) P3001:F (OG-BK_18-TXL) |
| 34586-0001 | 24 | () (PLUG) | 33467-0005 | 57 | (1C1-57) P3001:H (YE-BK_18_TXL) |
| 34586-0001 | 25 | () (PLUG) | 33467-0005 | 58 | (1C1-58) P3001:K (GN-BK_18_TXL) |
| 34586-0001 | 26 | () (PLUG) | 34586-0001 | 59 | () (PLUG) |
| 34586-0001 | 27 | () (PLUG) | 34586-0001 | 60 | () (PLUG) |
| 34586-0001 | 28 | () (PLUG) | 34586-0001 | 61 | () (PLUG) |
| 34586-0001 | 29 | () (PLUG) | 34586-0001 | 62 | () (PLUG) |
| 34586-0001 | 30 | () (PLUG) | 34586-0001 | 63 | () (PLUG) |
| 34586-0001 | 31 | () (PLUG) | 34586-0001 | 64 | () (PLUG) |
| 34586-0001 | 32 | () (PLUG) | 7116-4151-02&7158-3113-40 | 65 | (1201) FU2011:2 (LEAD) |
| 34586-0001 | 33 | () (PLUG) | 7116-4151-02&7158-3113-40 | 66 | (GND) P1001:5 (BK_14_TXL) |

- NOTES:
- CONTACT ENGINEERING REGARDING ANY QUESTIONS, CLARIFICATIONS, OR REQUESTED DEVIATIONS.
 - HARNESS WIRING IS TO BE COVERED WITH BRAIDED EXPANDABLE PLASTIC SLEEVING.
 - CONNECTORS P6001 AND P6081 (SEE SHEET 5) AND THEIR WEDGE LOCKS AND CAVITY PLUGS (SEE BALLOONS AND BOM TABLE) ARE TO BE PLACED IN TWO PLASTIC BAGS. TIE BAGS SHUT AND TIE WRAP THEM TO THE TWO HARNESS SEGMENTS SHOWN ON SHEET 5.

| | | | | | | |
|---|--|------------|----------|-------------|------------|-----------|
| WIRE ANNOTATION LEGEND: | | | | | | |
| 0462-201-16141 3 (1021) P7001:2 (BK-18) CBL1025 | | | | | | |
| (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE | | | | | | |
| CREATED DRAWING | | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 A |
| REVISION DESCRIPTION | | REVISED BY | DATE | REVIEWED BY | DATE | ECO REV |

GENERAL HARNESS CONSTRUCTION:

- LABEL WIRES EVERY 4" USING HOT STAMP OR INKJET MARKING WITH WIRE NUMBER AS INDICATED
- TEST PER GS TEST PROCEDURE SPECIFIED IN THE AUDIT CHECKLIST
- HARNESS TO FOLLOW GENERAL PRACTICES OF IPC/WHMA-A-620B
- ALL WIRE IS TYPE TXL UNLESS OTHERWISE SPECIFIED
- APPLY SECONDARY LOCKS & SEALS WHERE APPLICABLE
- CONNECTOR VIEWS ARE WIRE INSERTION SIDE UNLESS OTHERWISE NOTED

SUPPLIER TO APPLY LABELS TO ALL CONNECTORS DESIGNATED WITH J****, P****, OR OTHER CONNECTOR TAG AND INCLUDE THE NAME (EX. "P5201 LEFT JOYSTICK")

- IF WIRE TIES ARE REQUIRED, APPLY APPROXIMATELY 2" BEFORE TERMINATING CONNECTOR
- ALL "CANH-x" AND "CANL-x" WIRES SHALL BE TWISTED PAIR, 0.67 TO 0.91 TWISTS PER INCH (REFERENCE SAE J1939-15).
- SPICES MUST BE SOLDERED OR ULTRASONIC WELDED. OFFSET SPICES TO AVOID THICKNESS BUILD-UP.

RELEASED 09-08-2022

| | |
|---|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | ORIGINATED BY: BDELAAT |
| WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B | ORIGINATION DATE: 7-25-2022 |
| ≤ 1ft +1in -0in | PROJECT ENGINEER: BDELAAT |
| > 1ft-5ft +2in -0in | ACCOUNT MANAGER: MKAJA |
| > 5ft-10ft +4in -0in | MATERIAL: N/A |
| > 10ft-25ft +6in -0in | COATING/PLATING: N/A |
| > 25ft +5% -0% | CUSTOMER PART NUMBER: 03028299 |
| FRACTIONS ± 1/16in ± 1.59mm | ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC. |
| TOLERANCES ON DECIMALS: | |
| 1 PLACE ± .030 | 2 PLACE ± .010 |
| 2 PLACE ± .005 | 3 PLACE ± .001 |
| in ± .76 | mm ± .25 |
| ANGULAR DIMENSIONS ± 1 DEG | |
| DIMENSIONS IN () ARE REFERENCE | |
| REMOVE BURRS | |
| BREAK EDGES 0.01IN 0.25MM MAX | |
| MAX SURFACE ROUGHNESS 125 | |

GS GLOBAL RESOURCES

MUKWONAGO, WI 53149

DRAWING TITLE: FLEX8 REMOTE UNDERLIFT HARNESS ASSEMBLY DRAWING

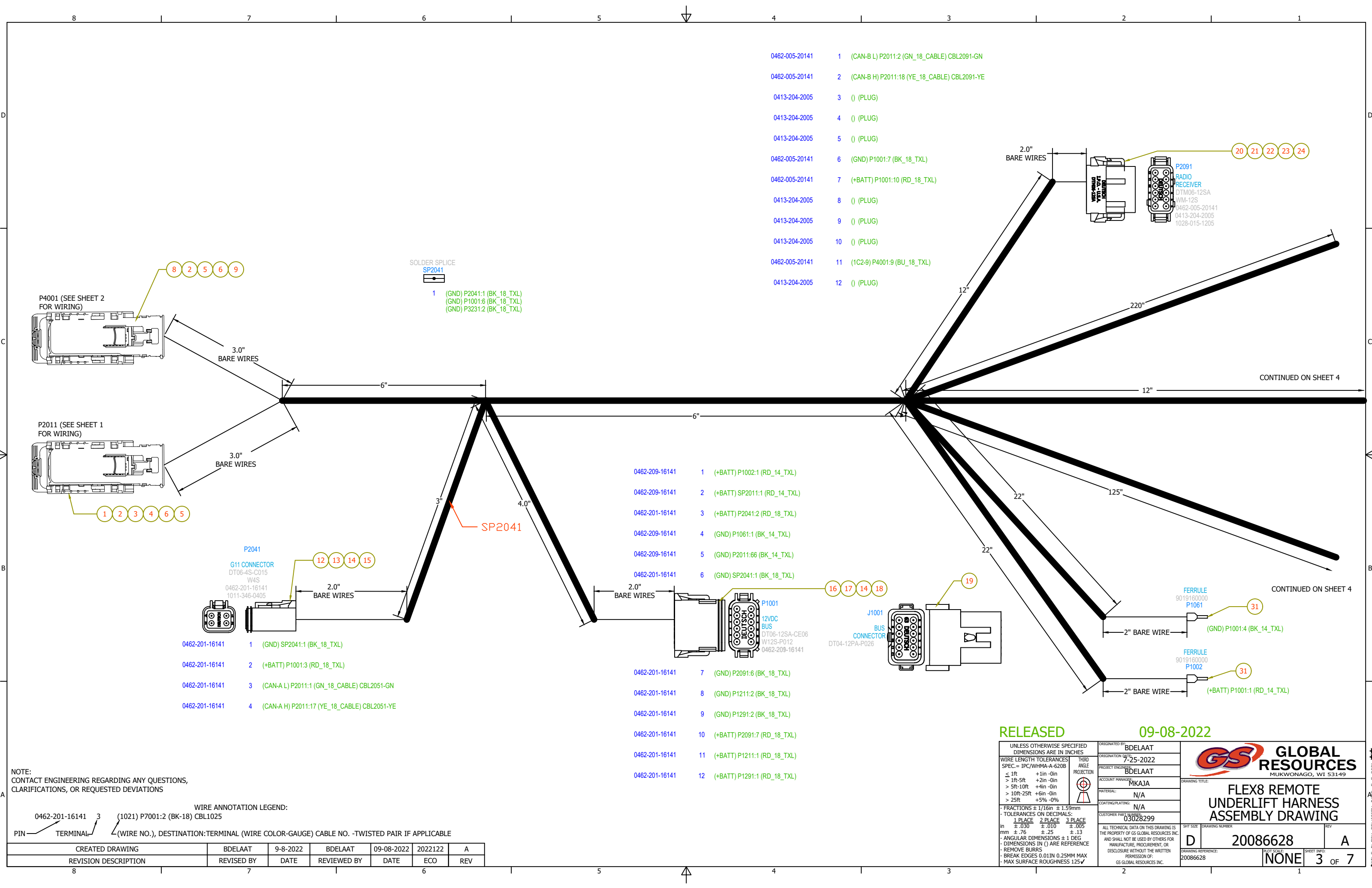
DRAWING REFERENCE: 20086628

PLOT SCALE: NONE

SHEET INFO: 1 OF 7

TITLE BLOCK REVISION DATE: 5-5-2021

[illegible]



NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

WIRE ANNOTATION LEGEND:
0462-201-16141 3 (1021) P7001:2 (BK-18) CBL1025
PIN TERMINAL (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

| | | | | | | |
|----------------------|------------|----------|-------------|------------|---------|-----|
| CREATED DRAWING | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 | A |
| REVISION DESCRIPTION | REVISED BY | DATE | REVIEWED BY | DATE | ECO | REV |

- 0462-005-20141 1 (CAN-B L) P2011:2 (GN_18_CABLE) CBL2091-GN
- 0462-005-20141 2 (CAN-B H) P2011:18 (YE_18_CABLE) CBL2091-YE
- 0413-204-2005 3 () (PLUG)
- 0413-204-2005 4 () (PLUG)
- 0413-204-2005 5 () (PLUG)
- 0462-005-20141 6 (GND) P1001:7 (BK_18_TXL)
- 0462-005-20141 7 (+BATT) P1001:10 (RD_18_TXL)
- 0413-204-2005 8 () (PLUG)
- 0413-204-2005 9 () (PLUG)
- 0413-204-2005 10 () (PLUG)
- 0462-005-20141 11 (1C2-9) P4001:9 (BU_18_TXL)
- 0413-204-2005 12 () (PLUG)

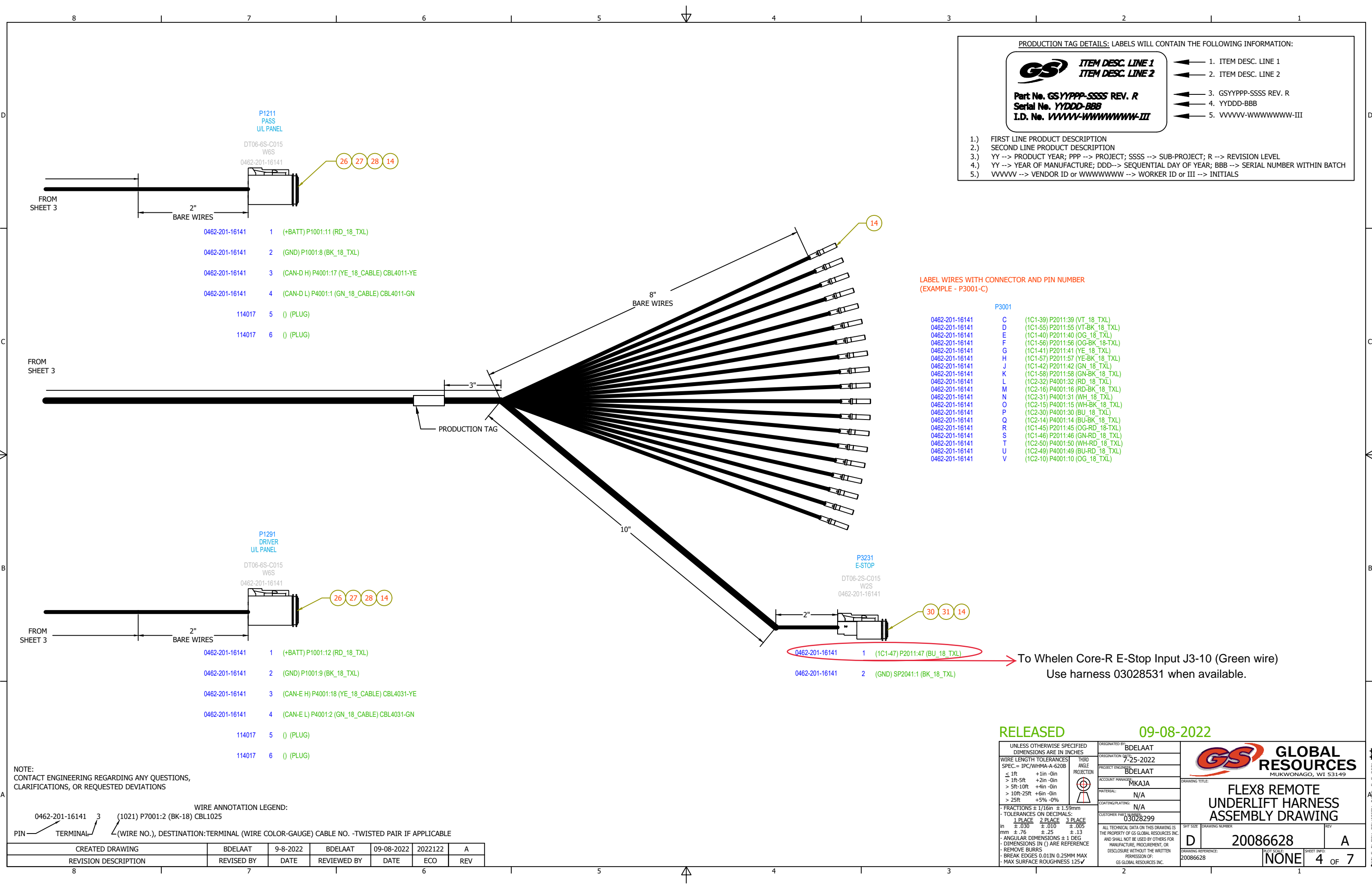
- 0462-209-16141 1 (+BATT) P1002:1 (RD_14_TXL)
- 0462-209-16141 2 (+BATT) SP2011:1 (RD_14_TXL)
- 0462-201-16141 3 (+BATT) P2041:2 (RD_18_TXL)
- 0462-209-16141 4 (GND) P1061:1 (BK_14_TXL)
- 0462-209-16141 5 (GND) P2011:66 (BK_14_TXL)
- 0462-201-16141 6 (GND) SP2041:1 (BK_18_TXL)
- 0462-201-16141 7 (GND) P2091:6 (BK_18_TXL)
- 0462-201-16141 8 (GND) P1211:2 (BK_18_TXL)
- 0462-201-16141 9 (GND) P1291:2 (BK_18_TXL)
- 0462-201-16141 10 (+BATT) P2091:7 (RD_18_TXL)
- 0462-201-16141 11 (+BATT) P1211:1 (RD_18_TXL)
- 0462-201-16141 12 (+BATT) P1291:1 (RD_18_TXL)

RELEASED 09-08-2022

| | | |
|--|--|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B THIRD ANGLE PROJECTION - FRACTIONS ± 1/16in ± 1.59mm - TOLERANCES ON DECIMALS: in ± .030 ± .010 ± .005 mm ± .76 ± .25 ± .13 - ANGULAR DIMENSIONS ± 1 DEG - DIMENSIONS IN () ARE REFERENCE - REMOVE BURRS - BREAK EDGES 0.01IN 0.25MM MAX - MAX SURFACE ROUGHNESS 125√ | ORIGINATED BY BDELAAT 7-25-2022 PROJECT ENGINEER BDELAAT ACCOUNT MANAGER MKAJA MATERIAL N/A COATING/PLATING N/A CUSTOMER PART NUMBER 03028299 | DRAWING TITLE: FLEX8 REMOTE UNDERLIFT HARNESS ASSEMBLY DRAWING SHT SIZE: D DRAWING NUMBER: 20086628 REV: A DRAFTING REFERENCE: 20086628 PLOT SCALE: NONE SHEET INFO: 3 OF 7 |
| | ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC. | |
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GLOBAL RESOURCES
MUKWONAGO, WI 53149

TITLE BLOCK REVISION DATE: 5-5-2021



PRODUCTION TAG DETAILS: LABELS WILL CONTAIN THE FOLLOWING INFORMATION:

ITEM DESC. LINE 1
ITEM DESC. LINE 2

Part No. GSYPPP-SSSS REV. R
Serial No. YYDD-BBB
I.D. No. VVVVV-WWWWWW-III

1. ITEM DESC. LINE 1

2. ITEM DESC. LINE 2

3. GSYPPP-SSSS REV. R

4. YYDD-BBB

5. VVVVV-WWWWWW-III

1.) FIRST LINE PRODUCT DESCRIPTION

2.) SECOND LINE PRODUCT DESCRIPTION

3.) YY --> PRODUCT YEAR; PPP --> PROJECT; SSSS --> SUB-PROJECT; R --> REVISION LEVEL

4.) YY --> YEAR OF MANUFACTURE; DDD--> SEQUENTIAL DAY OF YEAR; BBB --> SERIAL NUMBER WITHIN BATCH

5.) VVVVV --> VENDOR ID or WWWWWW --> WORKER ID or III --> INITIALS

LABEL WIRES WITH CONNECTOR AND PIN NUMBER
(EXAMPLE - P3001-C)

| | | |
|----------------|---|----------------------------------|
| P3001 | | |
| 0462-201-16141 | C | (1C1-39) P2011:39 (VT_18_TXL) |
| 0462-201-16141 | D | (1C1-55) P2011:55 (VT-BK_18_TXL) |
| 0462-201-16141 | E | (1C1-40) P2011:40 (OG_18_TXL) |
| 0462-201-16141 | F | (1C1-56) P2011:56 (OG-BK_18-TXL) |
| 0462-201-16141 | G | (1C1-41) P2011:41 (YE_18_TXL) |
| 0462-201-16141 | H | (1C1-57) P2011:57 (YE-BK_18_TXL) |
| 0462-201-16141 | J | (1C1-42) P2011:42 (GN_18_TXL) |
| 0462-201-16141 | K | (1C1-58) P2011:58 (GN-BK_18_TXL) |
| 0462-201-16141 | L | (1C2-32) P4001:32 (RD_18_TXL) |
| 0462-201-16141 | M | (1C2-16) P4001:16 (RD-BK_18_TXL) |
| 0462-201-16141 | N | (1C2-31) P4001:31 (WH_18_TXL) |
| 0462-201-16141 | O | (1C2-15) P4001:15 (WH-BK_18_TXL) |
| 0462-201-16141 | P | (1C2-30) P4001:30 (BU_18_TXL) |
| 0462-201-16141 | Q | (1C2-14) P4001:14 (BU-BK_18_TXL) |
| 0462-201-16141 | R | (1C1-45) P2011:45 (OG-RD_18-TXL) |
| 0462-201-16141 | S | (1C1-46) P2011:46 (GN-RD_18_TXL) |
| 0462-201-16141 | T | (1C2-50) P4001:50 (WH-RD_18_TXL) |
| 0462-201-16141 | U | (1C2-49) P4001:49 (BU-RD_18_TXL) |
| 0462-201-16141 | V | (1C2-10) P4001:10 (OG_18_TXL) |

To Whelen Core-R E-Stop Input J3-10 (Green wire)
Use harness 03028531 when available.

NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

WIRE ANNOTATION LEGEND:

0462-201-16141 3 (1021) P7001:2 (BK-18) CBL1025

PIN TERMINAL (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

| | | | | | | |
|----------------------|------------|----------|-------------|------------|---------|-----|
| CREATED DRAWING | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 | A |
| REVISION DESCRIPTION | REVISED BY | DATE | REVIEWED BY | DATE | ECO | REV |

RELEASED 09-08-2022

| | | |
|---|-------------------------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | ORIGINATED BY BDELAAT | <p>GLOBAL RESOURCES MUKWONAGO, WI 53149</p> |
| WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B | ORIGINATION DATE 7-25-2022 | |
| THIRD ANGLE PROJECTION | PROJECT ENGINEER BDELAAT | |
| 1 PLACE 2 PLACE 3 PLACE | ACCOUNT MANAGER MKAJA | |
| in ±.030 ±.010 ±.005 | MATERIAL N/A | |
| mm ±.76 ±.25 ±.13 | COATING/PLATING N/A | CUSTOMER PART NUMBER 03028299 |
| - FRACTIONS ± 1/16in ± 1.59mm - TOLERANCES ON DECIMALS: in ±.030 ±.010 ±.005 mm ±.76 ±.25 ±.13 - ANGULAR DIMENSIONS ± 1 DEG - DIMENSIONS IN () ARE REFERENCE - REMOVE BURRS - BREAK EDGES 0.01IN 0.25MM MAX - MAX SURFACE ROUGHNESS 125✓ | | ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC. |

| | |
|--|-----------------------------------|
| DRAWING TITLE: FLEX8 REMOTE UNDERLIFT HARNESS ASSEMBLY DRAWING | |
| SHT SIZE D | DRAWING NUMBER 20086628 |
| REV A | SHEET INFO: 4 OF 7 |

8

7

6

5

4

3

2

1

| ITEMS | PART NO. | MFG. NO. | QUANTITY | MANUFACTURER | DESCRIPTION |
|-------|----------|----------------|----------|--------------|---|
| 1 | 19202881 | 34822-0013 | 1 | MOLEX | CONNECTOR, PLUG 66 PDS |
| 2 | 19202878 | 34565-0003 | 2 | MOLEX | DRESS COVER |
| 3 | 19203184 | 7116-4151-02 | 2 | YAZAKI | COMMON CONTACT SOCKET |
| 4 | 19203192 | 7158-3113-40 | 2 | YAZAKI | SEAL FOR 2.8MM TERMINAL |
| 5 | 19212732 | 33467-0005 | 31 | MOLEX | SOCKET 0.64MM 18-20AWG GOLD |
| 6 | 19202880 | 34586-0001 | 105 | MOLEX | CAVITY PLUG 0.64MM |
| 7 | 19200172 | 5030040 | 1 | PARKER | ADDRESS TAG |
| 8 | 19202879 | 34566-0103 | 1 | MOLEX | CONNECTOR, PLUG 73 PDS |
| 9 | 19216044 | 7158-3114-90 | 1 | YAZAKI | CAVITY PLUG |
| 10 | 20027274 | 0FHM0003ZXJB | 1 | LITTELFUSE | MINI INLINE FUSEHOLDER WATERPROOF 16GA BK GXL 20A |
| 11 | 19200017 | 0297015.WXNV | 1 | LITTELFUSE | FUSE AUTO 15A 32VDC BLADE MINI |
| 12 | 19203787 | DT06-4S-C015 | 1 | DEUTSCH | DT PLUG |
| 13 | 19201195 | W4S | 1 | DEUTSCH | DEUTSCH LOCK DT 4 PDS PLUG |
| 14 | 19200028 | 0462-201-16141 | 41 | DEUTSCH | COMMON CONTACT SOCKET |
| 15 | 19205342 | 1011-346-0405 | 1 | DEUTSCH | DT THERMOPLASTIC DUST CAP FOR DT06-4S |
| 16 | 19221617 | DT06-12SA-CE06 | 1 | DEUTSCH | PLUG, DT FEMALE 12 PDS, A-KEY |
| 17 | 19205193 | W12S-P012 | 1 | DEUTSCH | WEDGELOCK |
| 18 | 19202430 | 0462-209-16141 | 4 | DEUTSCH | COMMON CONTACT SOCKET |
| 19 | 19203736 | DT04-12PA-P026 | 1 | DEUTSCH | DT SERIES BUS CONNECTOR |
| 20 | 19203817 | DTM06-12SA | 1 | DEUTSCH | DEUTSCH PLUG DTM 12 PDS A KEY |
| 21 | 19205240 | WM-12S | 1 | DEUTSCH | WEDGELOCK |
| 22 | 19202421 | 0462-005-20141 | 5 | DEUTSCH | COMMON CONTACT SOCKET |
| 23 | 19202406 | 0413-204-2005 | 7 | DEUTSCH | SEALING PLUG |
| 24 | 19207186 | 1028-015-1205 | 1 | DEUTSCH | DTM06-12S BACKSHELL |
| 25 | 19217154 | 9019160000 | 2 | WEIDMULLER | FERRULE 14 AWG INSULATED BLUE COLLAR DIA. 0.165 |
| 26 | 19203792 | DT06-6S-C015 | 2 | DEUTSCH | DT PLUG |
| 27 | 19201197 | W6S | 2 | DEUTSCH | WEDGELOCK |
| 28 | 19201283 | 114017 | 4 | DEUTSCH | SEALING PLUG |
| 29 | 19239460 | 6TXL-1801-4/D5 | 4 | ANIXTER | TWISTED PAIRED SIGNAL WIRE |
| 30 | 19203776 | DT06-2S-C015 | 1 | DEUTSCH | DT PLUG |
| 31 | 19205195 | W2S | 1 | DEUTSCH | WEDGELOCK |

NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

0462-201-16141

3

(1021) P7001:2 (BK-18) CBL1025

PIN

TERMINAL

(WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

| CREATED DRAWING | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 | A |
|----------------------|------------|----------|-------------|------------|---------|-----|
| REVISION DESCRIPTION | REVISED BY | DATE | REVIEWED BY | DATE | ECO | REV |

RELEASED09-08-2022

| | |
|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | ORIGINATED BY BDELAAT |
| WIRE LENGTH TOLERANCES SPEC.= IPC/WHMA-A-620B | ORIGINATION DATE 7-25-2022 |
| ≤ 1ft +1in -0in | PROJECT ENGINEER BDELAAT |
| > 1ft-5ft +2in -0in | ACCOUNT MANAGER MKAJA |
| > 5ft-10ft +4in -0in | MATERIAL N/A |
| > 10ft-25ft +6in -0in | COATING/PLATING N/A |
| > 25ft +5% -0% | CUSTOMER PART NUMBER 03028299 |
| - FRACTIONS ± 1/16in ± 1.59mm | ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC. |
| - TOLERANCES ON DECIMALS: 1 PLACE 2 PLACE 3 PLACE | SHT SIZE DRAWING NUMBER |
| in ± .030 ± .010 ± .005 | D 20086628 |
| mm ± .76 ± .25 ± .13 | REV A |
| - ANGULAR DIMENSIONS ± 1 DEG | DRAWING REFERENCE: 20086628 |
| - DIMENSIONS IN () ARE REFERENCE | PLOT SCALE: NONE |
| - REMOVE BURRS | SHEET INFO: 5 OF 7 |
| - BREAK EDGES 0.011IN 0.25MM MAX | |
| - MAX SURFACE ROUGHNESS 125✓ | |

GS GLOBAL RESOURCES
MUKWONAGO, WI 53149

FLEX8 REMOTE
UNDERLIFT HARNESS
ASSEMBLY DRAWING

TITLE BLOCK REVISION DATE: 5-5-2021

★ ★

| WIRE INFO | WIRE NO | COMPONENT 1 | PIN 1 | TERMINAL 1 | COMPONENT 2 | PIN 2 | TERMINAL 2 |
|-------------|---------|-------------|-------|----------------|-------------|--------|---------------------------|
| RD_14_TXL | +BATT | P1001 | 1 | 0462-209-16141 | P1002 | 1 | 9019160000 |
| RD_14_TXL | +BATT | P1001 | 2 | 0462-209-16141 | SP2011 | 1 | |
| LEAD | +BATT | SP2011 | 1 | | FU2011 | 1 | |
| LEAD | 1201 | FU2011 | 2 | | P2011 | 65 | 7116-4151-02&7158-3113-40 |
| RD_18_TXL | +BATT | P1001 | 3 | 0462-201-16141 | P2041 | 2 | 0462-201-16141 |
| BK_14_TXL | GND | P1001 | 4 | 0462-209-16141 | P1061 | 1 | 9019160000 |
| BK_14_TXL | GND | P1001 | 5 | 0462-209-16141 | P2011 | 66 | 7116-4151-02&7158-3113-40 |
| BK_18_TXL | GND | P1001 | 6 | 0462-201-16141 | SP2041 | 1 | |
| BK_18_TXL | GND | SP2041 | 1 | | P2041 | 1 | 0462-201-16141 |
| BK_18_TXL | GND | SP2041 | 1 | | P3231 | 2 | 0462-201-16141 |
| BK_18_TXL | GND | P1001 | 7 | 0462-201-16141 | P2091 | 6 | 0462-005-20141 |
| BK_18_TXL | GND | P1001 | 8 | 0462-201-16141 | P1211 | 2 | 0462-201-16141 |
| BK_18_TXL | GND | P1001 | 9 | 0462-201-16141 | P1291 | 2 | 0462-201-16141 |
| RD_18_TXL | +BATT | P1001 | 10 | 0462-201-16141 | P2091 | 7 | 0462-005-20141 |
| RD_18_TXL | +BATT | P1001 | 11 | 0462-201-16141 | P1211 | 1 | 0462-201-16141 |
| RD_18_TXL | +BATT | P1001 | 12 | 0462-201-16141 | P1291 | 1 | 0462-201-16141 |
| PLUG | | P1211 | 5 | 114017 | | | |
| PLUG | | P1211 | 6 | 114017 | | | |
| PLUG | | P1291 | 5 | 114017 | | | |
| PLUG | | P1291 | 6 | 114017 | | | |
| GN_18_CABLE | CAN-A L | P2011 | 1 | 33467-0005 | P2041 | 3 | 0462-201-16141 |
| GN_18_CABLE | CAN-B L | P2011 | 2 | 33467-0005 | P2091 | 1 | 0462-005-20141 |
| PLUG | | P2011 | 3 | 34586-0001 | | | |
| LEAD | | P2011 | 4 | 33467-0005 | ADD2031 | ADDR_L | |
| PLUG | | P2011 | 5 | 34586-0001 | | | |
| PLUG | | P2011 | 6 | 34586-0001 | | | |
| PLUG | | P2011 | 7 | 34586-0001 | | | |
| PLUG | | P2011 | 8 | 34586-0001 | | | |
| PLUG | | P2011 | 9 | 34586-0001 | | | |
| PLUG | | P2011 | 10 | 34586-0001 | | | |
| PLUG | | P2011 | 11 | 34586-0001 | | | |
| PLUG | | P2011 | 12 | 34586-0001 | | | |
| PLUG | | P2011 | 13 | 34586-0001 | | | |
| PLUG | | P2011 | 14 | 34586-0001 | | | |
| PLUG | | P2011 | 15 | 34586-0001 | | | |
| PLUG | | P2011 | 16 | 34586-0001 | | | |
| YE_18_CABLE | CAN-A H | P2011 | 17 | 33467-0005 | P2041 | 4 | 0462-201-16141 |
| YE_18_CABLE | CAN-B H | P2011 | 18 | 33467-0005 | P2091 | 2 | 0462-005-20141 |
| PLUG | | P2011 | 19 | 34586-0001 | | | |
| LEAD | | P2011 | 20 | 33467-0005 | ADD2031 | ADDR_H | |
| PLUG | | P2011 | 21 | 34586-0001 | | | |
| PLUG | | P2011 | 22 | 34586-0001 | | | |
| PLUG | | P2011 | 23 | 34586-0001 | | | |
| PLUG | | P2011 | 24 | 34586-0001 | | | |
| PLUG | | P2011 | 25 | 34586-0001 | | | |
| PLUG | | P2011 | 26 | 34586-0001 | | | |
| PLUG | | P2011 | 27 | 34586-0001 | | | |
| PLUG | | P2011 | 28 | 34586-0001 | | | |
| PLUG | | P2011 | 29 | 34586-0001 | | | |
| PLUG | | P2011 | 30 | 34586-0001 | | | |
| PLUG | | P2011 | 31 | 34586-0001 | | | |
| PLUG | | P2011 | 32 | 34586-0001 | | | |
| PLUG | | P2011 | 33 | 34586-0001 | | | |
| PLUG | | P2011 | 34 | 34586-0001 | | | |
| PLUG | | P2011 | 35 | 34586-0001 | | | |
| PLUG | | P2011 | 36 | 34586-0001 | | | |
| PLUG | | P2011 | 37 | 34586-0001 | | | |
| PLUG | | P2011 | 38 | 34586-0001 | | | |
| VT_18_TXL | 1C1-39 | P2011 | 39 | 33467-0005 | P3001 | C | 0462-201-16141 |
| OG_18_TXL | 1C1-40 | P2011 | 40 | 33467-0005 | P3001 | E | 0462-201-16141 |

| WIRE INFO | WIRE NO | COMPONENT 1 | PIN 1 | TERMINAL 1 | COMPONENT 2 | PIN 2 | TERMINAL 2 |
|--------------|---------|-------------|-------|---------------|-------------|-------|----------------|
| YE_18_TXL | 1C1-41 | P2011 | 41 | 33467-0005 | P3001 | G | 0462-201-16141 |
| GN_18_TXL | 1C1-42 | P2011 | 42 | 33467-0005 | P3001 | J | 0462-201-16141 |
| PLUG | | P2011 | 43 | 34586-0001 | | | |
| PLUG | | P2011 | 44 | 34586-0001 | | | |
| OG-RD_18-TXL | 1C1-45 | P2011 | 45 | 33467-0005 | P3001 | R | 0462-201-16141 |
| GN-RD_18_TXL | 1C1-46 | P2011 | 46 | 33467-0005 | P3001 | S | 0462-201-16141 |
| BU_18_TXL | 1C1-47 | P2011 | 47 | 33467-0005 | P3231 | 1 | 0462-201-16141 |
| PLUG | | P2011 | 48 | 34586-0001 | | | |
| PLUG | | P2011 | 49 | 34586-0001 | | | |
| PLUG | | P2011 | 50 | 34586-0001 | | | |
| PLUG | | P2011 | 51 | 34586-0001 | | | |
| PLUG | | P2011 | 52 | 34586-0001 | | | |
| PLUG | | P2011 | 53 | 34586-0001 | | | |
| PLUG | | P2011 | 54 | 34586-0001 | | | |
| VT-BK_18_TXL | 1C1-55 | P2011 | 55 | 33467-0005 | P3001 | D | 0462-201-16141 |
| OG-BK_18-TXL | 1C1-56 | P2011 | 56 | 33467-0005 | P3001 | F | 0462-201-16141 |
| YE-BK_18_TXL | 1C1-57 | P2011 | 57 | 33467-0005 | P3001 | H | 0462-201-16141 |
| GN-BK_18_TXL | 1C1-58 | P2011 | 58 | 33467-0005 | P3001 | K | 0462-201-16141 |
| PLUG | | P2011 | 59 | 34586-0001 | | | |
| PLUG | | P2011 | 60 | 34586-0001 | | | |
| PLUG | | P2011 | 61 | 34586-0001 | | | |
| PLUG | | P2011 | 62 | 34586-0001 | | | |
| PLUG | | P2011 | 63 | 34586-0001 | | | |
| PLUG | | P2011 | 64 | 34586-0001 | | | |
| PLUG | | P2091 | 3 | 0413-204-2005 | | | |
| PLUG | | P2091 | 4 | 0413-204-2005 | | | |
| PLUG | | P2091 | 5 | 0413-204-2005 | | | |
| PLUG | | P2091 | 8 | 0413-204-2005 | | | |
| PLUG | | P2091 | 9 | 0413-204-2005 | | | |
| PLUG | | P2091 | 10 | 0413-204-2005 | | | |
| PLUG | | P2091 | 12 | 0413-204-2005 | | | |
| GN_18_CABLE | CAN-D L | P4001 | 1 | 33467-0005 | P1211 | 4 | 0462-201-16141 |
| GN_18_CABLE | CAN-E L | P4001 | 2 | 33467-0005 | P1291 | 4 | 0462-201-16141 |
| PLUG | | P4001 | 3 | 34586-0001 | | | |
| PLUG | | P4001 | 4 | 34586-0001 | | | |
| PLUG | | P4001 | 5 | 34586-0001 | | | |
| PLUG | | P4001 | 6 | 34586-0001 | | | |
| PLUG | | P4001 | 7 | 34586-0001 | | | |
| PLUG | | P4001 | 8 | 34586-0001 | | | |
| BU_18_TXL | 1C2-9 | P4001 | 9 | 33467-0005 | P2091 | 11 | 0462-005-20141 |
| OG_18_TXL | 1C2-10 | P4001 | 10 | 33467-0005 | P3001 | V | 0462-201-16141 |
| PLUG | | P4001 | 11 | 34586-0001 | | | |
| PLUG | | P4001 | 12 | 34586-0001 | | | |
| PLUG | | P4001 | 13 | 34586-0001 | | | |
| BU-BK_18_TXL | 1C2-14 | P4001 | 14 | 33467-0005 | P3001 | Q | 0462-201-16141 |
| WH-BK_18_TXL | 1C2-15 | P4001 | 15 | 33467-0005 | P3001 | Q | 0462-201-16141 |
| RD-BK_18_TXL | 1C2-16 | P4001 | 16 | 33467-0005 | P3001 | M | 0462-201-16141 |
| YE_18_CABLE | CAN-D H | P4001 | 17 | 33467-0005 | P1211 | 3 | 0462-201-16141 |
| YE_18_CABLE | CAN-E H | P4001 | 18 | 33467-0005 | P1291 | 3 | 0462-201-16141 |
| PLUG | | P4001 | 19 | 34586-0001 | | | |
| PLUG | | P4001 | 20 | 34586-0001 | | | |
| PLUG | | P4001 | 21 | 34586-0001 | | | |
| PLUG | | P4001 | 22 | 34586-0001 | | | |
| PLUG | | P4001 | 23 | 34586-0001 | | | |
| PLUG | | P4001 | 24 | 34586-0001 | | | |
| PLUG | | P4001 | 25 | 34586-0001 | | | |
| PLUG | | P4001 | 26 | 34586-0001 | | | |
| PLUG | | P4001 | 27 | 34586-0001 | | | |
| PLUG | | P4001 | 28 | 34586-0001 | | | |
| PLUG | | P4001 | 29 | 34586-0001 | | | |

NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS



WIRE ANNOTATION LEGEND:

0462-201-16141 3 (1021) P7001:2 (BK-18) CBL1025
PIN ——— TERMINAL ——— (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

| | | | | | | |
|----------------------|------------|----------|-------------|------------|---------|-----|
| CREATED DRAWING | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 | A |
| REVISION DESCRIPTION | REVISED BY | DATE | REVIEWED BY | DATE | ECO | REV |

RELEASED

09-08-2022

| | | | | | |
|---|--|---|--|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | ORIGINATED BY: BDELAAT ORIGINATION DATE: 25-2022 PROJECT ENGINEER: BDELAAT ACCOUNT MANAGER: MKAJA MATERIAL: N/A COATING/PLATING: N/A | |  GLOBAL RESOURCES MUKWONAGO, WI 53149 | |
| WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B ≤ 1ft +1in -0in > 1ft-5ft +2in -0in > 5ft-10ft +4in -0in > 10ft-25ft +6in -0in ≥ 25ft +5% -0% | | THIRD ANGLE PROJECTION  | | DRAWING TITLE: FLEX8 REMOTE UNDERLIFT HARNESS ASSEMBLY DRAWING | |
| - FRACTIONS ± 1/16in ± 1.59mm - TOLERANCES ON DECIMALS: 1 PLACE 2 PLACE 3 PLACE in ± .030 ± .010 ± .005 mm ± .76 ± .25 ± .103 - ANGULAR DIMENSIONS ± 1 DEG - DIMENSIONS IN () ARE REFERENCE - REMOVE BURRS - BREAK EDGES 0.01IN 0.25MM MAX - MAX SURFACE ROUGHNESS 125√ | | CUSTOMER PART NUMBER: 03028299 | | ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, REPRODUCTION OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC. | |
| | | SHIT SIZE: DRAWING NUMBER: D 20086628 | | REV: A | |
| | | DRAWING REFERENCE: 20086628 | | PLOT SCALE: NONE | |
| | | | | SHEET INFO: 6 OF 7 | |

TITLE BLOCK REVISION DATE: 5-5-2021 **✖✖✖**

8

7

6

5

4

3

2

1

| WIRE INFO | WIRE NO | COMPONENT 1 | PIN 1 | TERMINAL 1 | COMPONENT 2 | PIN 2 | TERMINAL 2 |
|--------------|---------|-------------|-------|--------------|-------------|-------|----------------|
| BU_18_TXL | 1C2-30 | P4001 | 30 | 33467-0005 | P3001 | P | 0462-201-16141 |
| WH_18_TXL | 1C2-31 | P4001 | 31 | 33467-0005 | P3001 | N | 0462-201-16141 |
| RD_18_TXL | 1C2-32 | P4001 | 32 | 33467-0005 | P3001 | L | 0462-201-16141 |
| PLUG | | P4001 | 33 | 34586-0001 | | | |
| PLUG | | P4001 | 34 | 34586-0001 | | | |
| PLUG | | P4001 | 35 | 34586-0001 | | | |
| PLUG | | P4001 | 36 | 34586-0001 | | | |
| PLUG | | P4001 | 37 | 34586-0001 | | | |
| PLUG | | P4001 | 38 | 34586-0001 | | | |
| PLUG | | P4001 | 39 | 34586-0001 | | | |
| PLUG | | P4001 | 40 | 34586-0001 | | | |
| PLUG | | P4001 | 41 | 34586-0001 | | | |
| PLUG | | P4001 | 42 | 34586-0001 | | | |
| PLUG | | P4001 | 43 | 34586-0001 | | | |
| PLUG | | P4001 | 44 | 34586-0001 | | | |
| PLUG | | P4001 | 45 | 34586-0001 | | | |
| PLUG | | P4001 | 46 | 34586-0001 | | | |
| PLUG | | P4001 | 47 | 34586-0001 | | | |
| PLUG | | P4001 | 48 | 34586-0001 | | | |
| BU-RD_18_TXL | 1C2-49 | P4001 | 49 | 33467-0005 | P3001 | U | 0462-201-16141 |
| WH-RD_18_TXL | 1C2-50 | P4001 | 50 | 33467-0005 | P3001 | T | 0462-201-16141 |
| PLUG | | P4001 | 51 | 34586-0001 | | | |
| PLUG | | P4001 | 52 | 34586-0001 | | | |
| PLUG | | P4001 | 53 | 34586-0001 | | | |
| PLUG | | P4001 | 54 | 34586-0001 | | | |
| PLUG | | P4001 | 55 | 34586-0001 | | | |
| PLUG | | P4001 | 56 | 34586-0001 | | | |
| PLUG | | P4001 | 57 | 34586-0001 | | | |
| PLUG | | P4001 | 58 | 34586-0001 | | | |
| PLUG | | P4001 | 59 | 34586-0001 | | | |
| PLUG | | P4001 | 60 | 34586-0001 | | | |
| PLUG | | P4001 | 61 | 34586-0001 | | | |
| PLUG | | P4001 | 62 | 34586-0001 | | | |
| PLUG | | P4001 | 63 | 34586-0001 | | | |
| PLUG | | P4001 | 64 | 34586-0001 | | | |
| PLUG | | P4001 | 65 | 34586-0001 | | | |
| PLUG | | P4001 | 66 | 34586-0001 | | | |
| PLUG | | P4001 | 67 | 34586-0001 | | | |
| PLUG | | P4001 | 68 | 34586-0001 | | | |
| PLUG | | P4001 | 69 | 34586-0001 | | | |
| PLUG | | P4001 | 70 | 34586-0001 | | | |
| PLUG | | P4001 | 71 | 34586-0001 | | | |
| PLUG | | P4001 | 72 | 34586-0001 | | | |
| PLUG | | P4001 | 73 | 7158-3114-90 | | | |

NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

0462-201-16141

3

(1021) P7001:2 (BK-18) CBL1025

WIRE ANNOTATION LEGEND:

(PIN NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

| CREATED DRAWING | BDELAAT | 9-8-2022 | BDELAAT | 09-08-2022 | 2022122 | A |
|----------------------|------------|----------|-------------|------------|---------|-----|
| REVISION DESCRIPTION | REVISED BY | DATE | REVIEWED BY | DATE | ECO | REV |

RELEASED09-08-2022

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

WIRE LENGTH TOLERANCES
SPEC.= IPC/WHMA-A-620B

≤ 1ft +1in -0in
> 1ft-5ft +2in -0in
> 5ft-10ft +4in -0in
> 10ft-25ft +6in -0in
> 25ft +5% -0%

THIRD ANGLE
PROJECTION

FRACTIONS ± 1/16in ± 1.59mm

TOLERANCES ON DECIMALS:
1 PLACE 2 PLACE 3 PLACE
in ± .030 ± .010 ± .005
mm ± .76 ± .25 ± .13

ANGULAR DIMENSIONS ± 1 DEG
DIMENSIONS IN () ARE REFERENCE
REMOVE BURRS
BREAK EDGES 0.01IN 0.25MM MAX
MAX SURFACE ROUGHNESS 125✓

ORIGINATED BY
BDELAAT

ORIGINATION DATE
7-25-2022

PROJECT ENGINEER
BDELAAT

ACCOUNT MANAGER
MKAJA

MATERIAL
N/A

COATING/PLATING
N/A

CUSTOMER PART NUMBER
03028299

GS GLOBAL RESOURCES
MUKWONAGO, WI 53149

DRAWING TITLE:
FLEX8 REMOTE
UNDERLIFT HARNESS
ASSEMBLY DRAWING

SHT SIZE
D

DRAWING NUMBER
20086628

REV
A

DRAWING REFERENCE:
20086628

PLOT SCALE:
NONE

SHEET INFO:
7 OF 7

TITLE BLOCK REVISION DATE: 5-5-2021

★ ★