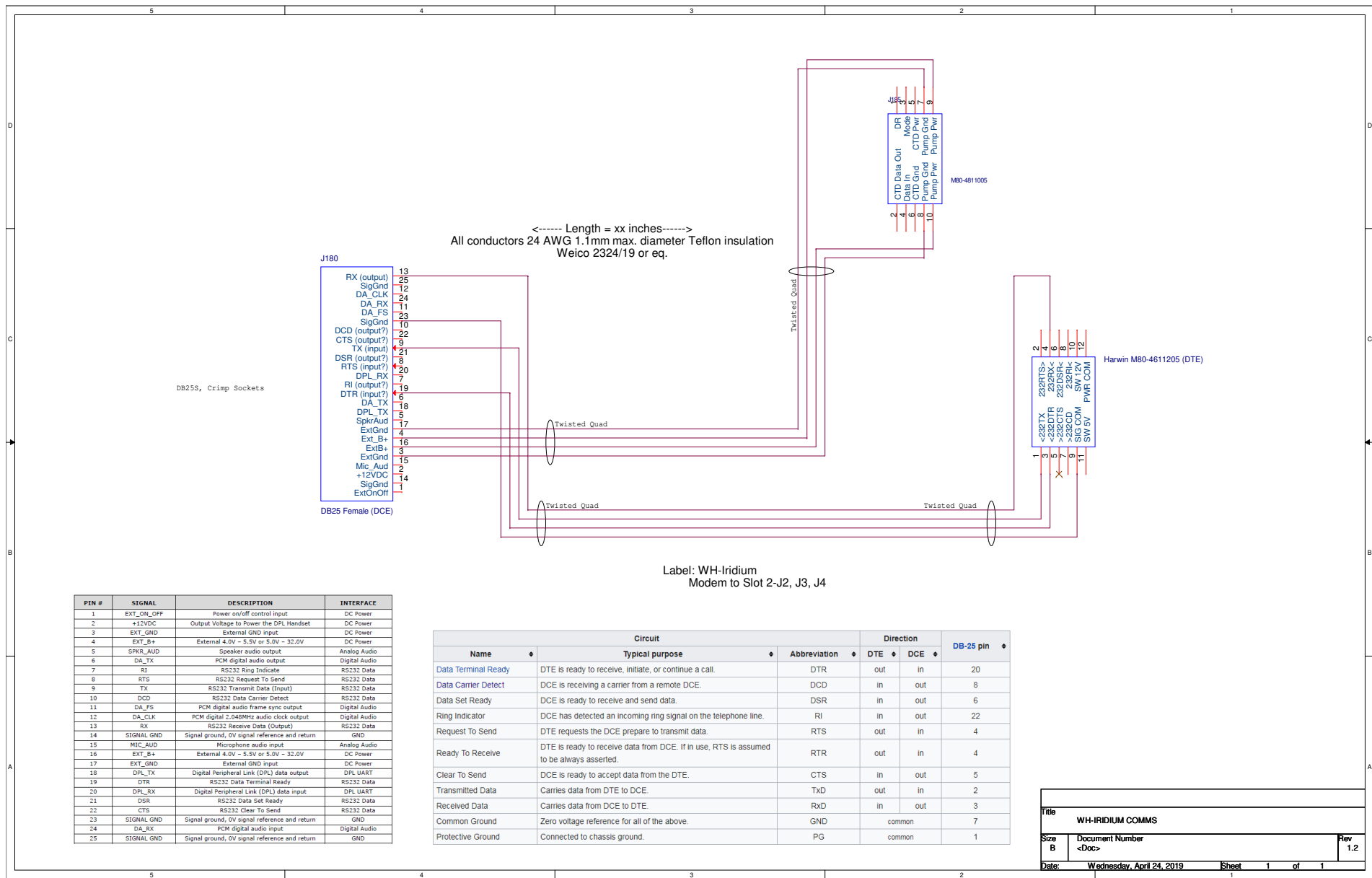




| PIN # | SIGNAL     | DESCRIPTION                                   | INTERFACE     |
|-------|------------|-----------------------------------------------|---------------|
| 1     | EXT_ON_OFF | Power on/off control input                    | DC Power      |
| 2     | +12VDC     | Output Voltage to Power the DPL Handset       | DC Power      |
| 3     | EXT_GND    | External GND input                            | DC Power      |
| 4     | EXT_B+     | External 4.0V - 5.5V or 5.0V - 32.0V          | DC Power      |
| 5     | SPKR_AUD   | Speaker audio output                          | Analog Audio  |
| 6     | DA_TX      | PCM digital audio output                      | Digital Audio |
| 7     | RI         | RS232 Ring Indicate                           | RS232 Data    |
| 8     | RTS        | RS232 Request To Send                         | RS232 Data    |
| 9     | TX         | RS232 Transmit Data (Input)                   | RS232 Data    |
| 10    | DCD        | RS232 Data Carrier Detect                     | RS232 Data    |
| 11    | DA_FS      | PCM digital audio frame sync output           | Digital Audio |
| 12    | DA_CLK     | PCM digital 2.048MHz audio clock output       | Digital Audio |
| 13    | RX         | RS232 Receive Data (Output)                   | RS232 Data    |
| 14    | SIGNAL_GND | Signal ground, 0V signal reference and return | GND           |
| 15    | MIC_AUD    | Microphone audio input                        | Analog Audio  |
| 16    | EXT_B+     | External 4.0V - 5.5V or 5.0V - 32.0V          | DC Power      |
| 17    | EXT_GND    | External GND input                            | DC Power      |
| 18    | DPL_TX     | Digital Peripheral Link (DPL) data output     | DPL UART      |
| 19    | DTR        | RS232 Data Terminal Ready                     | RS232 Data    |
| 20    | DPL_RX     | Digital Peripheral Link (DPL) data input      | DPL UART      |
| 21    | DSR        | RS232 Data Set Ready                          | RS232 Data    |
| 22    | CTS        | RS232 Clear To Send                           | RS232 Data    |
| 23    | SIGNAL_GND | Signal ground, 0V signal reference and return | GND           |
| 24    | DA_RX      | PCM digital audio input                       | Digital Audio |
| 25    | SIGNAL_GND | Signal ground, 0V signal reference and return | GND           |

| Circuit             |                                                                                         |              | Direction |     | DB-25 pin |
|---------------------|-----------------------------------------------------------------------------------------|--------------|-----------|-----|-----------|
| Name                | Typical purpose                                                                         | Abbreviation | DTE       | DCE |           |
| Data Terminal Ready | DTE is ready to receive, initiate, or continue a call.                                  | DTR          | out       | in  | 20        |
| Data Carrier Detect | DCE is receiving a carrier from a remote DCE.                                           | DCD          | in        | out | 8         |
| Data Set Ready      | DCE is ready to receive and send data.                                                  | DSR          | in        | out | 6         |
| Ring Indicator      | DCE has detected an incoming ring signal on the telephone line.                         | RI           | in        | out | 22        |
| Request To Send     | DTE requests the DCE prepare to transmit data.                                          | RTS          | out       | in  | 4         |
| Ready To Receive    | DTE is ready to receive data from DCE. If in use, RTS is assumed to be always asserted. | RTR          | out       | in  | 4         |
| Clear To Send       | DCE is ready to accept data from the DTE.                                               | CTS          | in        | out | 5         |
| Transmitted Data    | Carries data from DTE to DCE.                                                           | TxD          | out       | in  | 2         |
| Received Data       | Carries data from DCE to DTE.                                                           | RxD          | in        | out | 3         |
| Common Ground       | Zero voltage reference for all of the above.                                            | GND          | common    |     | 7         |
| Protective Ground   | Connected to chassis ground.                                                            | PG           | common    |     | 1         |

|       |                           |       |                  |
|-------|---------------------------|-------|------------------|
| Title |                           |       | WH-IRIDIUM COMMS |
| Size  | Document Number           | Rev   |                  |
| B     | <Doc>                     | 1.2   |                  |
| Date: | Wednesday, April 24, 2019 | Sheet | 1 of 1           |