NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ABSIS TYPE-A CABLE (RS485 BUS CABLE)
   - 1.1. PN: ABSIS-CA-A-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 1.2. CONNECTORS: 2X 39-01-3065 (5557-06R-BL) (F CRIMP: 12X 39-00-0211)
   - 1.3. CONDUCTORS: 6X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 1.4. MATES WITH: TYPE-E
2. ABSIS TYPE-B CABLE (BL BUS CABLE)
   - 2.1. PN: ABSIS-CA-B-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 2.2. CONNECTORS: 2X 39-01-3045 (5557-04R-BL) (F CRIMP: 8X 39-00-0211)
   - 2.3. CONDUCTORS: 4X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 2.4. MATES WITH: TYPE-F
3. ABSIS TYPE-C CABLE (I/O POWER BUS CABLE)
   - 3.1. PN: ABSIS-CA-C-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 3.2. CONNECTORS: 2X 39-01-3085 (5557-08R-BL) (F CRIMP: 16X 39-00-0211)
   - 3.3. CONDUCTORS: 8X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 3.4. MATES WITH: TYPE-G
4. ABSIS TYPE-D (BL POWER BUS CABLE)
   - 4.1. PN: ABSIS-CA-D-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 4.2. CONNECTORS: 2X 39-01-3105 (5557-10R-BL) (F CRIMP: 20X 39-00-0211)
   - 4.3. CONDUCTORS: 10X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 4.4. MATES WITH: 39-01-2101 (5559-10P) (M CRIMP: 39-00-0081)
5. ABSIS TYPE-E CABLE (RS485 BUS BULKHEAD CABLE)
   - 5.1. PN: ABSIS-CA-E-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 5.2. CONNECTORS: 2X 39-01-2061 (5559-06P) (M CRIMP: 12X 39-00-0081)
   - 5.3. CONDUCTORS: 6X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 5.4. LENGTH: SHORT, PIGTAIL
   - 5.5. MATES WITH: TYPE-A
6. ABSIS TYPE-F CABLE (BL BUS BULKHEAD CABLE)
   - 6.1. PN: ABSIS-CA-F-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 6.2. CONNECTORS: 2X 39-01-2041 (5559-04P) (M CRIMP: 8X 39-00-0081)
   - 6.3. CONDUCTORS: 4X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 6.4. MATES WITH: TYPE-B
7. ABSIS TYPE-G CABLE (I/O POWER BUS BULKHEAD CABLE)
   - 7.1. PN: ABSIS-CA-G-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 7.2. CONNECTORS: 2X 39-01-2081 (5559-08P) (M CRIMP: 16X 39-00-0081)
   - 7.3. CONDUCTORS: 8X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 7.4. MATES WITH: TYPE-C
8. ABSIS TYPE-H CABLE (I/O ACCESSORY BULKHEAD CABLE)
   - 8.1. PN: ABSIS-CA-H-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 8.2. CONNECTOR 1: 39-01-2221 (5559-22P) (M CRIMP: 22X 39-00-0048)
   - 8.3. CONNECTOR X: ALL OTHER CONNECTORS PER PRINT.
   - 8.4. CONDUCTORS: 22X 26AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 8.5. MATES WITH: 39-01-2220 (F CRIMP: 39-00-0209)
9. ABSIS TYPE-J CABLE (PWR ACCESSORY CABLE)
   - 9.1. PN: ABSIS-CA-J-XXX (WHERE "XXX" IS WIRE LENGTH IN MM)
   - 9.2. CONNECTOR 1: 1X 39-01-3025 (5557-02R-BL) (F CRIMP: 2X 39-00-0211)
   - 9.3. CONNECTOR X: ALL OTHER CONNECTORS PER PRINT.
   - 9.4. CONDUCTORS: 2X 16AWG STRANDED/BRAIDED CONDUCTORS, WHITE INSULATION
   - 9.5. MATES WITH: TYPE-K

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	5/5/2023	

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.

DUAL DIMENSIONS ARE IN MILIMETERS AND ENCLOSED IN SQUARE BRACKETS.

INTERPRET DRAWING IAW ASME Y14.100-2017.

INTERPRET DIM AND TOL IAW ASME Y14.5-2009.

REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.

DIMENSIONS APPLY BEFORE FINISH.

UOS INCH TOLERANCES ARE:

DECIMALS:
.X ± .1
.XX ± .03
.XXX ± .010

ANGLES:
MACHINED ± .5°
LOCATING ± .5°
FORMED ± 2°
CHAMFERS ± 5°

DRILLED HOLE DIAMETERS:
.0135 - .125: +.004/-.001
.126 - .250: +.005/-.001
.251 - .500: +.006/-.001
.501 - .750: +.008/-.001
.751 - 1.000: +.010/-.001
1.001 - 2.000: +.012/-.001

OPEN HORNET
https://www.OpenHornet.com

TITLE
ABSIS CABLES

DESIGNED J. STEENSEN 05/05/2023
CHECKED
DRAWN J. STEENSEN 05/05/2023

CC BY NC SA

SIZE D | DWG NO OH-SPEC-002 | REV -
SCALE N/A | DO NOT SCALE DWG | SHEET 1/1