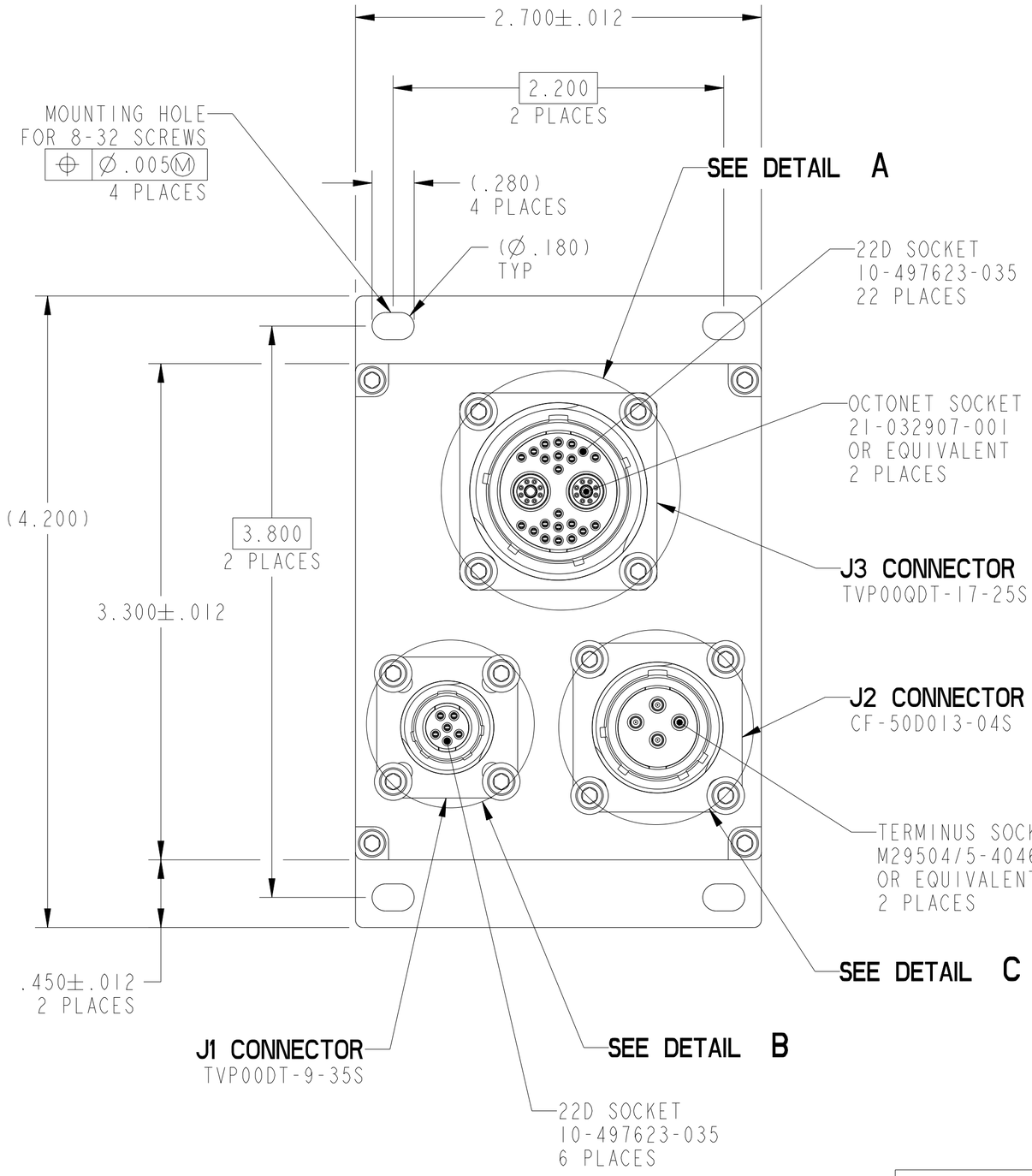
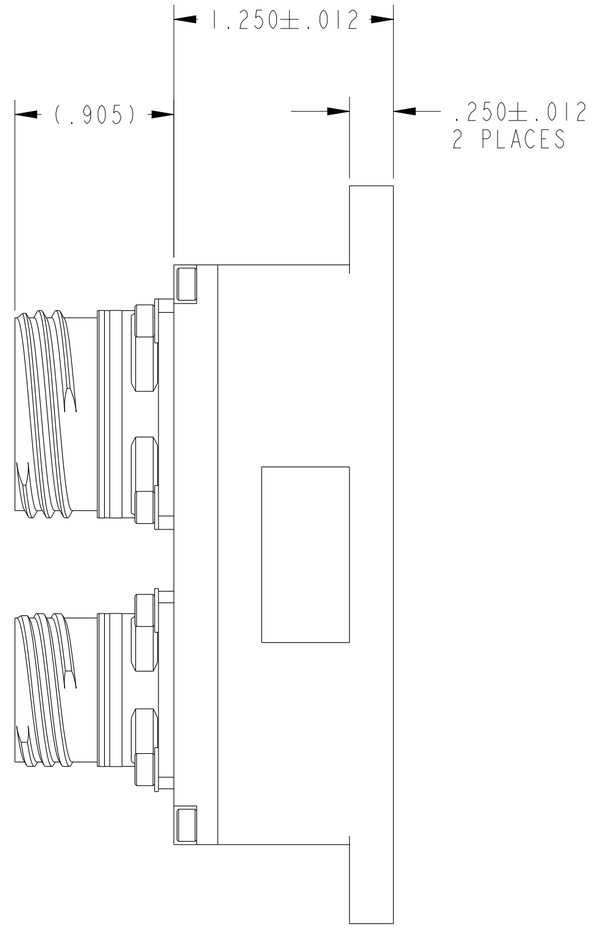
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	02/09/2022







ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

SEE SHEET 3

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UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 --- DIM.& TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Stds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY	MATERIAL SPEC. NONE PROCESS SPEC. SEE NOTE 5

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
PARTS LIST				

APPROVALS		DATE
PREPARED BY	W. LEE	08-Feb-22
ENGINEER IN CHARGE	W. LEE	
DESIGN MANAGER	J. ROTHROCK	
DESIGN ACTIVITY GROUP	C1	

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13838

1G/10G ETHERNET MEDIA CONVERTER
NI-PTFE PLATED

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	CF-020011-430	A
SCALE: 1.5	REF. CF-020011-332	SHEET 1 OF 3	

PRO/ENGINEER INFORMATION	
Pro/e Model Used:	CF-020011-430.ASSEM
Drawing Name:	CF-020011-430

NONE
NEXT ASSEMBLY

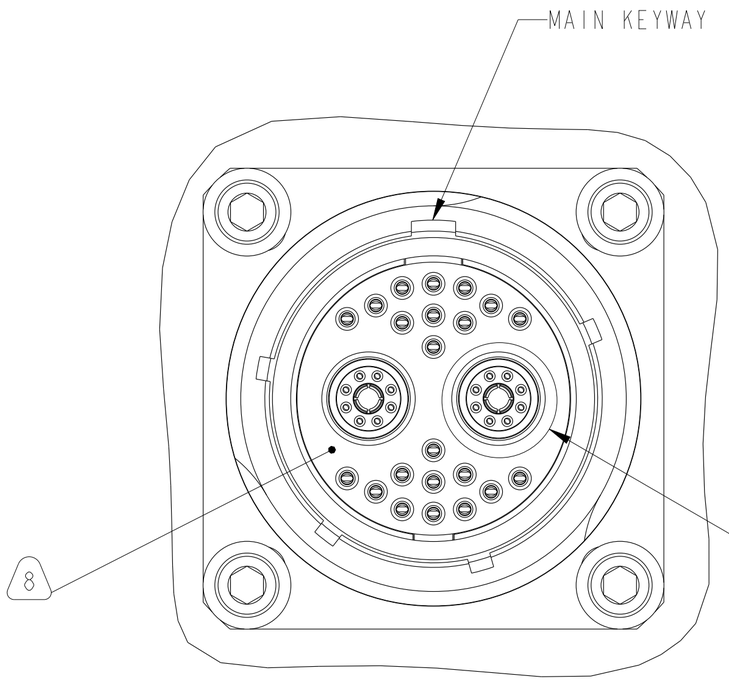
DOCUMENT NO. CF-020011-430 | SHEET 1 OF 3 | REV. A

FORMAT: C-U-E-1

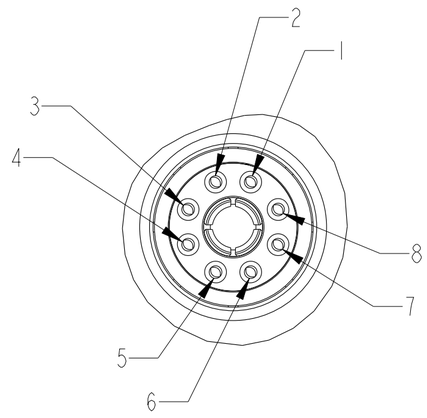
DOCUMENT NO. CF-020011-430 | SHEET 1 OF 3 | REV. A

VERSION 2 | REVISION A | Eng PDM Information For Reference Only

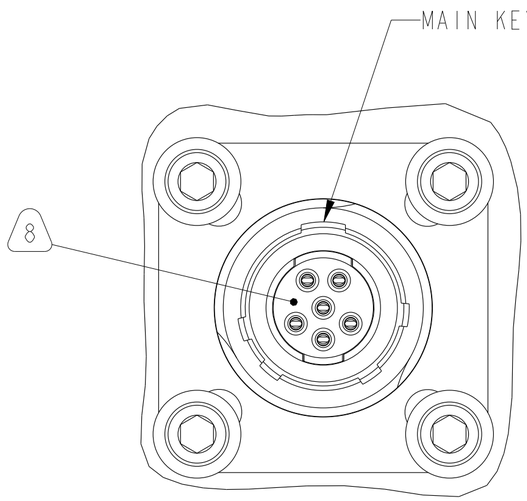
DOCUMENT NO. CF-020011-430 | SHEET 1 OF 3 | REV. A



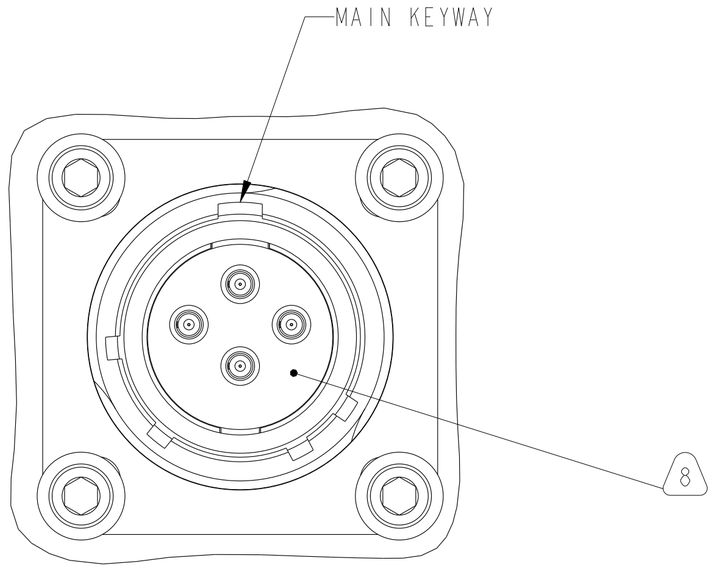
DETAIL A
J3 CONNECTOR
SCALE 3.000



DETAIL D
OCTONET
SCALE 6.000



DETAIL B
J1 CONNECTOR
SCALE 3.000



DETAIL C
J2 CONNECTOR
SCALE 3.000

SEE SHEET 3

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DOCUMENT NO.	SHEET	REV.
CF-020011-430	SHEET 2 OF 3	A

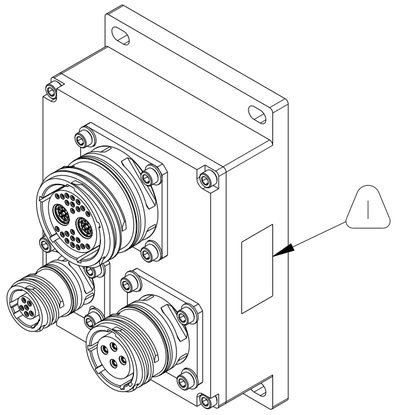
SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	CF-020011-430	A
SCALE: 1.5	REF: CF-020011-332	SHEET 2 OF 3	

CF-020011-430 DOCUMENT NO. | SHEET 2 OF 3 | A REV.

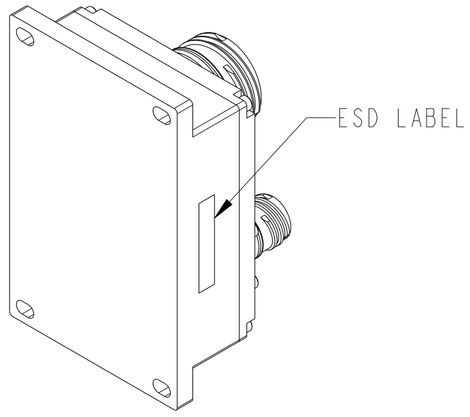
REVISION A | Eng PDM Information For Reference Only | VERSION 2

CF-020011-430 DOCUMENT NO. | SHEET 2 OF 3 | A REV.

FORMAT: C-U.E-1



FRONT ISOMETRIC VIEW
SCALE 0.750



REAR ISOMETRIC VIEW
SCALE 0.750

J2 CONNECTOR I/O CHART

PIN ID	DESCRIPTION
A	ETHERNET CHANNEL 1 TX
B	ETHERNET CHANNEL 1 RX
C	ETHERNET CHANNEL 2 TX
D	ETHERNET CHANNEL 2 RX

J1 CONNECTOR I/O CHART

PIN ID	DESCRIPTION
1	CHASSIS GROUND
2	CHASSIS GROUND
3	CHASSIS GROUND
4	CHASSIS GROUND
5	28V IN
6	GND

J3 CONNECTOR I/O CHART

PIN ID	DESCRIPTION
1	SPARE/DEBUG
2	SPARE/DEBUG
3	SPARE/DEBUG
4	SPARE/DEBUG
5	SPARE/DEBUG
6	SPARE/DEBUG
7	SPARE/DEBUG
8	SPARE/DEBUG
9	SPARE/DEBUG
10	SPARE/DEBUG
11	SPARE/DEBUG
12	SPARE/DEBUG
13	SPARE/DEBUG
14	SPARE/DEBUG
15	SPARE/DEBUG
16	SPARE/DEBUG
17-1	CHANNEL 1 DA+
17-2	CHANNEL 1 DA-
17-3	CHANNEL 1 DB+
17-4	CHANNEL 1 DB-
17-5	CHANNEL 1 DC+
17-6	CHANNEL 1 DC-
17-7	CHANNEL 1 DD+
17-8	CHANNEL 1 DD-
18	SPARE/DEBUG
19	SPARE/DEBUG
20	SPARE/DEBUG
21-1	CHANNEL 2 DA+
21-2	CHANNEL 2 DA-
21-3	CHANNEL 2 DB+
21-4	CHANNEL 2 DB-
21-5	CHANNEL 2 DC+
21-6	CHANNEL 2 DC-
21-7	CHANNEL 2 DD+
21-8	CHANNEL 2 DD-
22	SPARE/DEBUG
23	SPARE/DEBUG
24	SPARE/DEBUG

8. FOR INSERT ARRANGEMENT, SEE FOLLOWING DOCUMENTS.

J1 CONNECTOR: L-21808-35
J2 CONNECTOR: L-21812-4
J3 CONNECTOR: LQ-21816-25

7. CONNECTORS AND HOUSINGS ARE DURMALON(Ni-PTFE) PLATED ALUMINUM ALLOY.

6. FIBER LINES SHALL BE 850nm SIGNAL COMPATIBLE 50/125 GRADED INDEX MULTI MODE FIBER.

5. PROCESS SPECS: 9-9172-3

4. STAMPING ON PARTS MAY DIFFER FROM DRAWING BASED ON CUSTOMER SPECIFIC ORDER REQUIREMENTS

3. ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE (ESD) SENSITIVE COMPONENTS. ASSEMBLY SHALL BE HANDLED, PACKAGED, AND SHIPPED TO MEET REQUIREMENTS OF ANSI/ESD-S-20.20 AND IPC-A-610.

2. PACKAGE PER PRODUCTION PROCESS SHEET.

1. MARK LABEL WITH AMPHENOL, PART NUMBER, AND SEVEN DIGIT SERIAL NUMBER AND ATTACH ON INDICATED SURFACE. SERIAL NUMBER PER 9-9172-3.

EXAMPLE: FOR CONVERTER NUMBER 8 BUILT ON APRIL 5, 2022

AMPHENOL
CF-020011-430
2214008

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