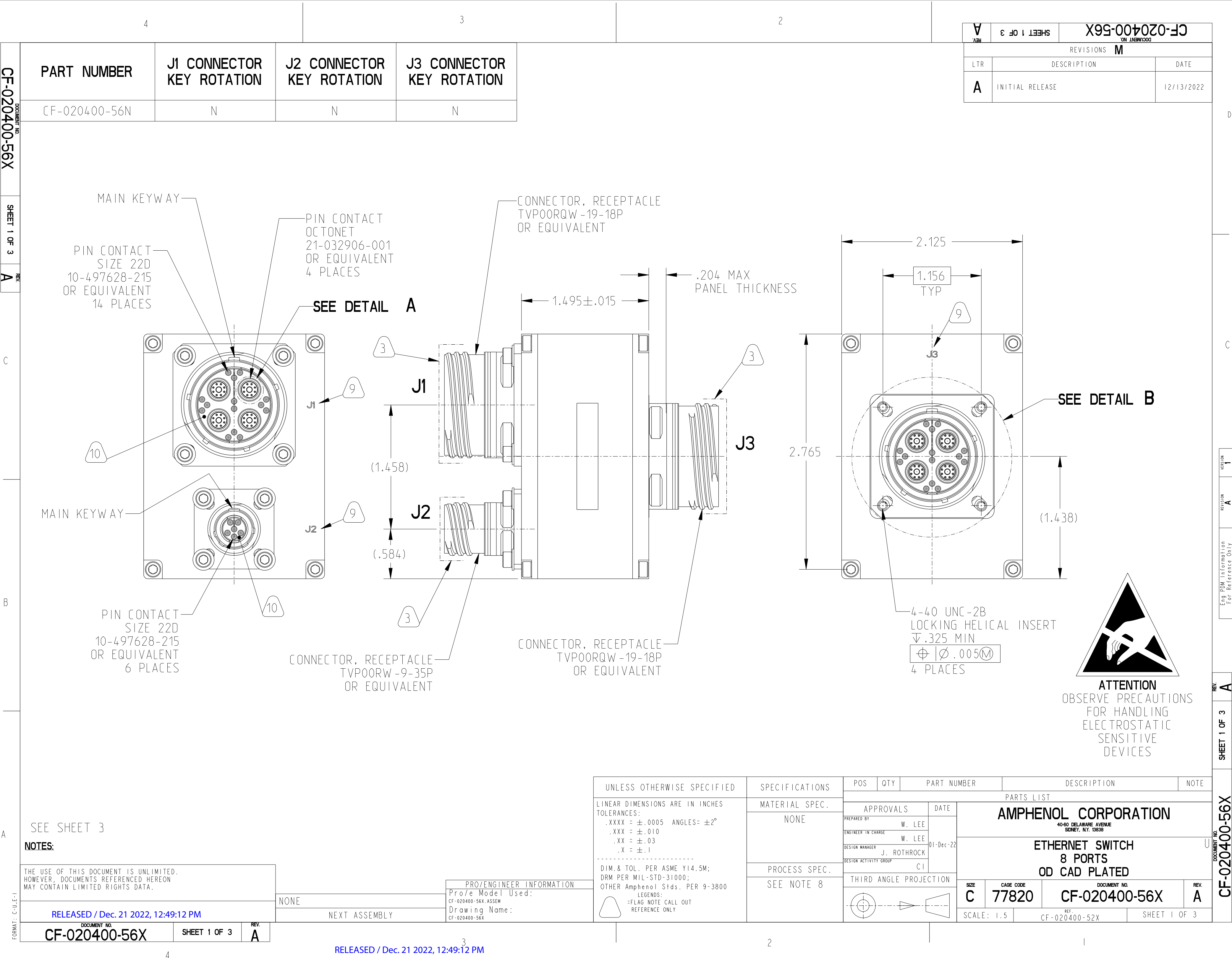




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REV. A

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REV. A

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REV. A

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GND

DETAIL A

OCTONET PIN POSITION

SCALE 8.000

PIN CONTACT
OCTONET
21-032906-001
OR EQUIVALENT
4 PLACES

PIN CONTACT
SIZE 22D
10-497628-225
OR EQUIVALENT
14 PLACES

MAIN KEYWAY

10

DETAIL B

J3 CONNECTOR

SCALE 3.000

SEE SHEET 3

NOTES:

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REV. A

J1 CONNECTOR

ID	DESCRIPTION
B-1	CH1_A_1GBASE-T_P
B-2	CH1_A_1GBASE-T_N
B-3	CH1_B_1GBASE-T_P
B-4	CH1_B_1GBASE-T_N
B-5	CH1_C_1GBASE-T_P
B-6	CH1_C_1GBASE-T_N
B-7	CH1_D_1GBASE-T_P
B-8	CH1_D_1GBASE-T_N
B-GND	GND
F-1	CH2_A_1GBASE-T_P
F-2	CH2_A_1GBASE-T_N
F-3	CH2_B_1GBASE-T_P
F-4	CH2_B_1GBASE-T_N
F-5	CH2_C_1GBASE-T_P
F-6	CH2_C_1GBASE-T_N
F-7	CH2_D_1GBASE-T_P
F-8	CH2_D_1GBASE-T_N
F-GND	GND
K-1	CH3_A_1GBASE-T_P
K-2	CH3_A_1GBASE-T_N
K-3	CH3_B_1GBASE-T_P
K-4	CH3_B_1GBASE-T_N
K-5	CH3_C_1GBASE-T_P
K-6	CH3_C_1GBASE-T_N
K-7	CH3_D_1GBASE-T_P
K-8	CH3_D_1GBASE-T_N
K-GND	GND
P-1	CH4_A_1GBASE-T_P
P-2	CH4_A_1GBASE-T_N
P-3	CH4_B_1GBASE-T_P
P-4	CH4_B_1GBASE-T_N
P-5	CH4_C_1GBASE-T_P
P-6	CH4_C_1GBASE-T_N
P-7	CH4_D_1GBASE-T_P
P-8	CH4_D_1GBASE-T_N
P-GND	GND

J2 CONNECTOR

ID	DESCRIPTION
1	CHASSIS_GND
2	CHASSIS_GND
3	CHASSIS_GND
4	CHASSIS_GND
5	28VDC
6	28VDC_RTN

J3 CONNECTOR

ID	DESCRIPTION
B-1	CH5_A_1GBASE-T_P
B-2	CH5_A_1GBASE-T_N
B-3	CH5_B_1GBASE-T_P
B-4	CH5_B_1GBASE-T_N
B-5	CH5_C_1GBASE-T_P
B-6	CH5_C_1GBASE-T_N
B-7	CH5_D_1GBASE-T_P
B-8	CH5_D_1GBASE-T_N
B-GND	GND
F-1	CH6_A_1GBASE-T_P
F-2	CH6_A_1GBASE-T_N
F-3	CH6_B_1GBASE-T_P
F-4	CH6_B_1GBASE-T_N
F-5	CH6_C_1GBASE-T_P
F-6	CH6_C_1GBASE-T_N
F-7	CH6_D_1GBASE-T_P
F-8	CH6_D_1GBASE-T_N
F-GND	GND
K-1	CH7_A_1GBASE-T_P
K-2	CH7_A_1GBASE-T_N
K-3	CH7_B_1GBASE-T_P
K-4	CH7_B_1GBASE-T_N
K-5	CH7_C_1GBASE-T_P
K-6	CH7_C_1GBASE-T_N
K-7	CH7_D_1GBASE-T_P
K-8	CH7_D_1GBASE-T_N
K-GND	GND
P-1	CH8_A_1GBASE-T_P
P-2	CH8_A_1GBASE-T_N
P-3	CH8_B_1GBASE-T_P
P-4	CH8_B_1GBASE-T_N
P-5	CH8_C_1GBASE-T_P
P-6	CH8_C_1GBASE-T_N
P-7	CH8_D_1GBASE-T_P
P-8	CH8_D_1GBASE-T_N
P-GND	GND

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SIZE C

CAGE CODE 77820

DOCUMENT NO. CF-020400-56X

REV. A

SCALE: 1.5

REF: CF-020400-52X

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DOCUMENT NO. CF-020400-56X

SHEET 2 OF 3

REV. A

VERSION 1

REVISION A

Eng PDM Information
For Reference Only

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SHEET 3 OF 3

REV. A

C

B

A

FORMAT: C-U_E-I

12. OPERATING TEMPERATURE: -40°C TO 70°C
STORAGE TEMPERATURE: -55°C TO 85°C
11. MATING CONNECTOR REFERENCE:
J1 MATING CONNECTOR: TV06RQW-19-18S(LC) OR EQUIVALENT
J1 MATING CONTACT:
21-032905-021 OCTONET FOR PIC E6A3824 CABLE
OR EQUIVALENT
J2 MATING CONNECTOR: TV06RW-9-35S OR EQUIVALENT
10. FOR INSERT ARRANGEMENT, SEE FOLLOWING DOCUMENTS.
J1 CONNECTOR: LQ-21818-18
J2 CONNECTOR: L-21808-35
J3 CONNECTOR: LQ-21818-18
9. J1, J2 AND J3 CONNECTOR DESIGNATORS SHALL BE STAMPED IN CONTRASTING COLOR PER 9-3856-5. LOCATION OF DESIGNATORS SHALL BE APPROXIMATELY AS SHOWN.
8. PROCESS SPEC: 9-3856-5, 9-9172-3
7. CONVERTER HOUSING AND CONNECTOR SHELLS ARE OD CAD PLATED PLATED ALUMINUM ALLOY.
6. PACKAGE PER PRODUCTION PROCESS SHEET.
5. MARKING DATA MAY DIFFER FROM DRAWING BASED ON CUSTOMER SPECIFIC ORDER REQUIREMENTS.
4. 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.
3. PROTECTIVE CAPS SHALL BE INSTALLED PRIOR TO SHIPPING.
2. PACKAGE LABEL SHALL CONTAIN THE SAME INFORMATION SHOWN IN NOTE 1.
1. MARK LABEL "AMPHENOL", PART NUMBER AND SEVEN DIGIT SERIAL NUMBER AND ATTACH ON INDICATED SURFACE. SERIAL NUMBER PER 9-9172-3.
- EXAMPLE: FOR NORMAL KEY CONVERTER NUMBER 8 BUILT ON AUG 19, 2022
- AMPHENOL
CF-020400-56N
2233008

NOTES:

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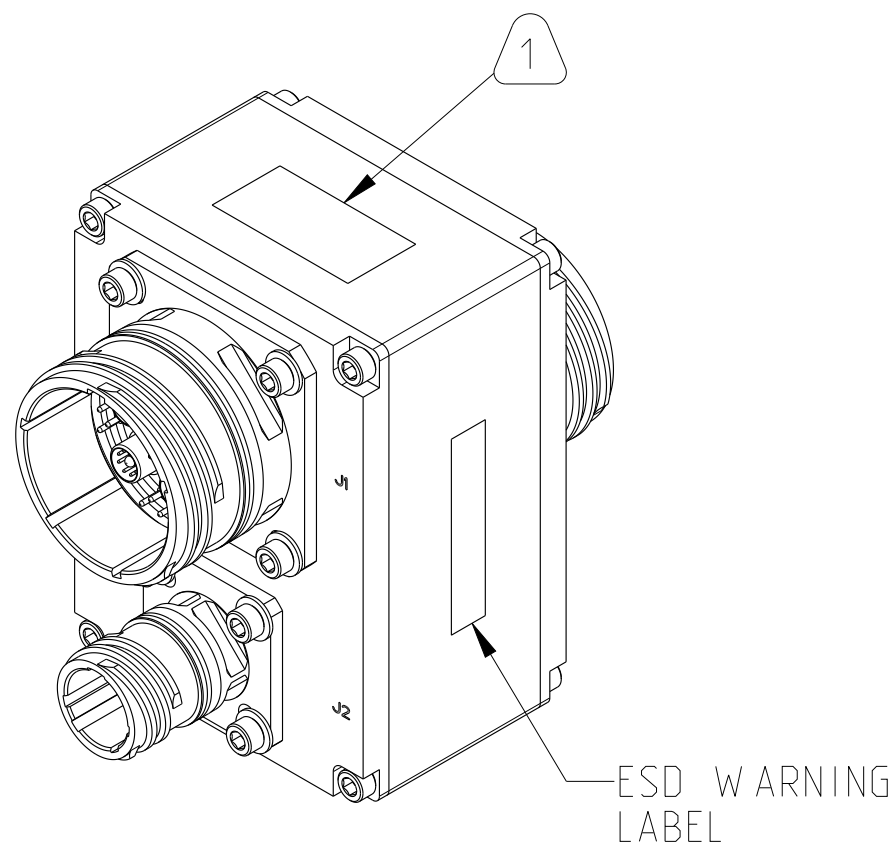
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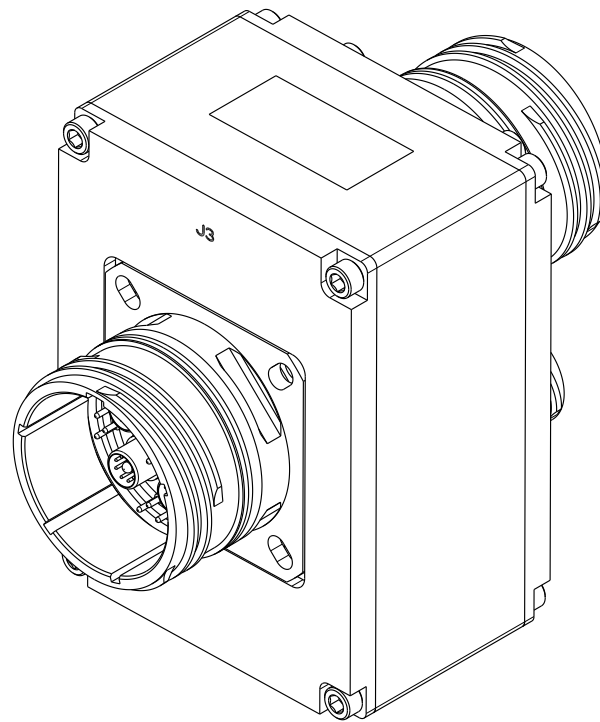
SHEET 3 OF 3

REV
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FRONT ISOMETRIC VIEW
SCALE 1.000



REAR ISOMETRIC VIEW
SCALE 1.000

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C

Eng PDM Information For Reference Only	REVISION A	VERSION 1
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SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-020400-56X	REV. A
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