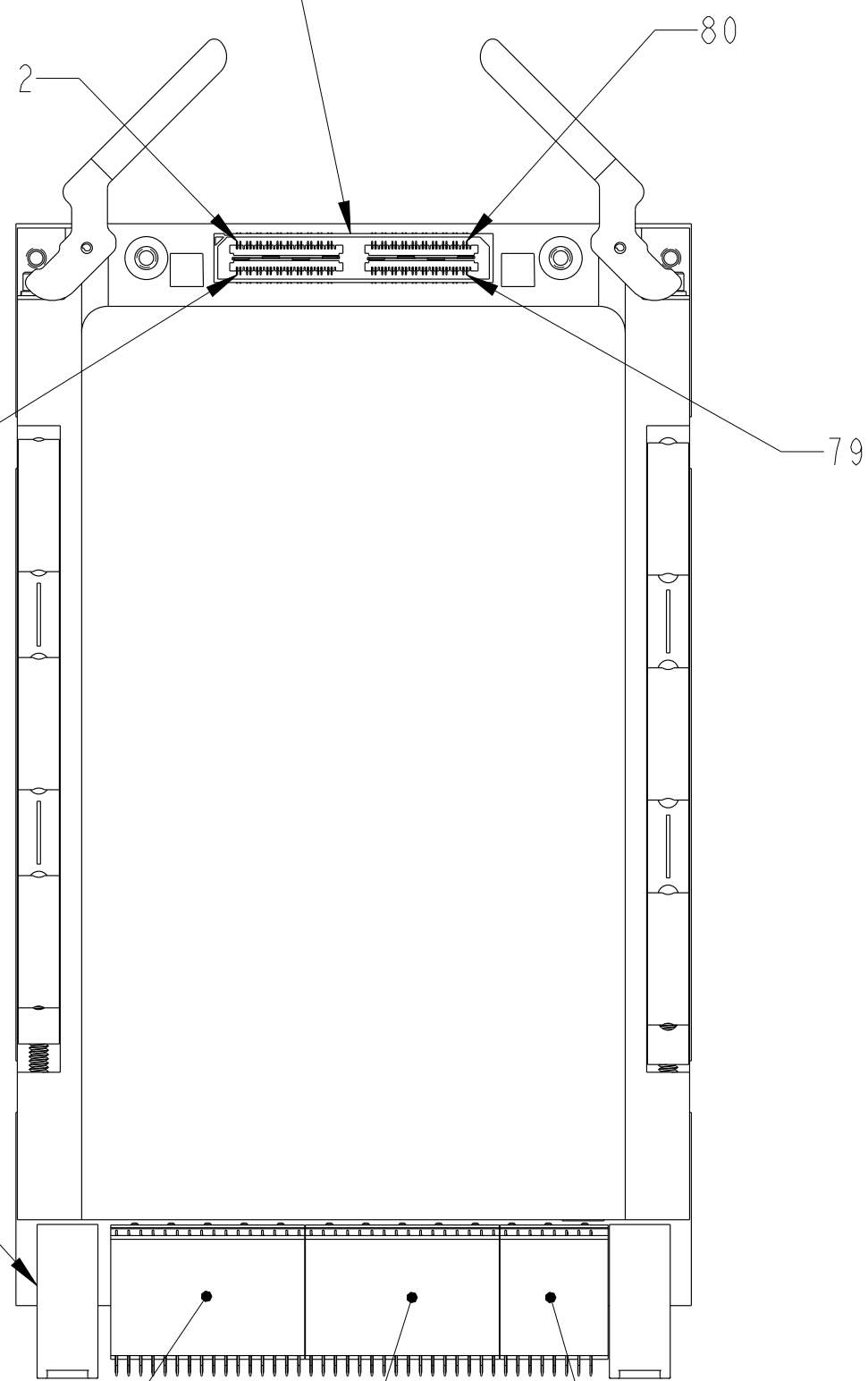


REV. A	SHEET 1 OF 3	DOCUMENT NO. CF-020400-024
REVISIONS M		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	08/18/20

J2 CONNECTOR



.937±.015

.365 MIN
2 PLACES

(6.299)

.640

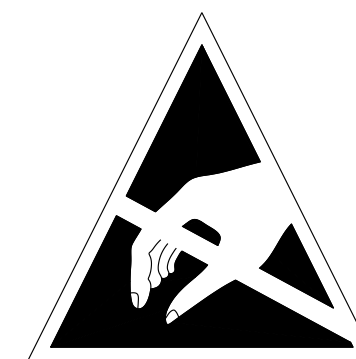
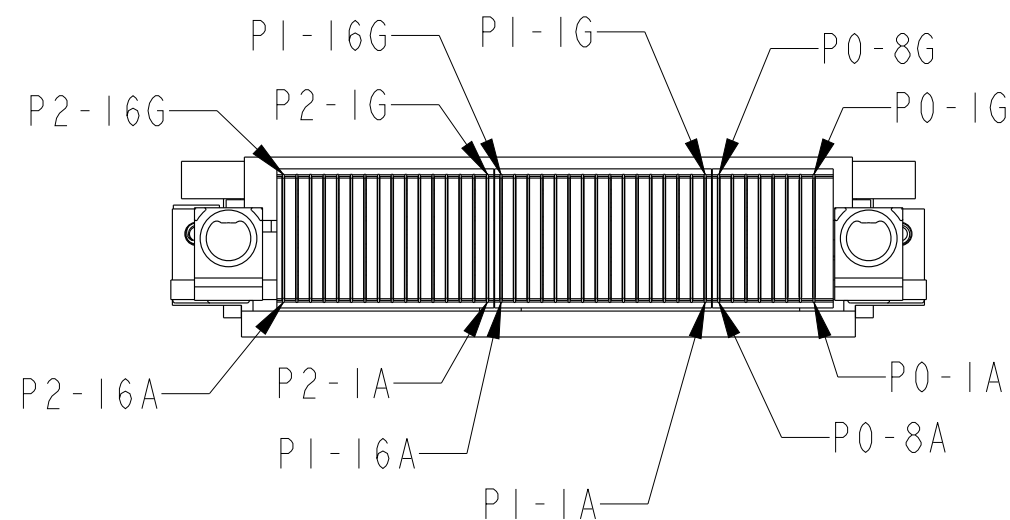
.297

3.937 MAX

P2 CONNECTOR

P1 CONNECTOR

P0 CONNECTOR



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

SEE SHEET 3

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SHEET 1 OF 3

REV. A

PRO/ENGINEER INFORMATION

Pro/e Model Used:
CF-020400-024.ASSEM
Drawing Name:
CF-020400-024

NONE

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED

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

SPECIFICATIONS

MATERIAL SPEC.

NONE

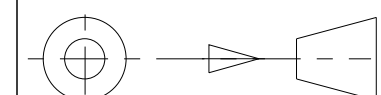
PROCESS SPEC.

9-9172-3

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
-----	-----	-------------	-------------	------

APPROVALS		DATE
PREPARED BY	W. LEE	14-Aug-20
ENGINEER IN CHARGE	W. LEE	
DESIGN MANAGER	J. ROTHROCK	
DESIGN ACTIVITY GROUP	CI	

THIRD ANGLE PROJECTION



SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-020400-024	REV. A
SCALE: 1.0		REF. CF-020400-026	SHEET 1 OF 3

PARTS LIST
AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13858

3U VPX SWITCH
CONDUCTION COOLING
48 PORTS

REVISION A
ENG. PDM INFORMATION
FOR REFERENCE ONLY

REV. A
SHEET 1 OF 3

DOCUMENT NO. CF-020400-024

PO I/O CHART

	G	F	E	D	C	B	A
1	+12V	+12V	+12V	NC	+3.3V	+3.3V	+3.3V
2	+12V	+12V	+12V	NC	+3.3V	+3.3V	+3.3V
3	+5V	+5V	+5V	NC	+5V	+5V	+5V
4	NC	NC	GND	NC	GND	YSRST#	NC
5	NC	NC	GND	NC	GND	NC	NC
6	NC	NC	GND	NC	GND	NC	NC
7	SWITCH JTAG_TCLK(NC)	GND	SWITCH JTAG_TDO(NC)	SWITCH JTAG_TDI(NC)	GND	SWITCH JTAG_TMS(NC)	NC
8	GND	NC	NC	GND	NC	NC	GND

J2 I/O CHART

ID	SIGNAL	ID	SIGNAL	ID	SIGNAL	ID	SIGNAL
1	P33_10G-KR_TX	2	P33_10G-KR_RX	41	P41_10G-KR_TX	42	P41_10G-KR_RX
3	P33_10G-KR_TX#	4	P33_10G-KR_RX#	43	P41_10G-KR_TX#	44	P41_10G-KR_RX#
5	P34_10G-KR_TX	6	P34_10G-KR_RX	45	P42_10G-KR_TX	46	P42_10G-KR_RX
7	P34_10G-KR_TX#	8	P34_10G-KR_RX#	47	P42_10G-KR_TX#	48	P42_10G-KR_RX#
9	+5V	10	GND	49	+5V	50	GND
11	+5V	12	GND	51	+5V	52	GND
13	P35_10G-KR_TX	14	P35_10G-KR_RX	53	P43_10G-KR_TX	54	P43_10G-KR_RX
15	P35_10G-KR_TX#	16	P35_10G-KR_RX#	55	P43_10G-KR_TX#	56	P43_10G-KR_RX#
17	P36_10G-KR_TX	18	P36_10G-KR_RX	57	P44_10G-KR_TX	58	P44_10G-KR_RX
19	P36_10G-KR_TX#	20	P36_10G-KR_RX#	59	P44_10G-KR_TX#	60	P44_10G-KR_RX#
21	P37_10G-KR_TX	22	P37_10G-KR_RX	61	P45_10G-KR_TX	62	P45_10G-KR_RX
23	P37_10G-KR_TX#	24	P37_10G-KR_RX#	63	P45_10G-KR_TX#	64	P45_10G-KR_RX#
25	P38_10G-KR_TX	26	P38_10G-KR_RX	65	P46_10G-KR_TX	66	P46_10G-KR_RX
27	P38_10G-KR_TX#	28	P38_10G-KR_RX#	67	P46_10G-KR_TX#	68	P46_10G-KR_RX#
29	+3.3V	30	GND	69	+3.3V	70	GND
31	+3.3V	32	GND	71	+3.3V	72	GND
33	P39_10G-KR_TX	34	P39_10G-KR_RX	73	P47_10G-KR_TX	74	P47_10G-KR_RX
35	P39_10G-KR_TX#	36	P39_10G-KR_RX#	75	P47_10G-KR_TX#	76	P47_10G-KR_RX#
37	P40_10G-KR_TX	38	P40_10G-KR_RX	77	P48_10G-KR_TX	78	P48_10G-KR_RX
39	P40_10G-KR_TX#	40	P40_10G-KR_RX#	79	P48_10G-KR_TX#	80	P48_10G-KR_RX#
G1	GND	G2	GND	G5	GND	G6	GND
G3	GND	G4	GND	G7	GND	G8	GND

P1 I/O CHART

	G	F	E	D	C	B	A
1	SWITCH_USB_D+	GND	P1_10G-KR_TX#	P1_10G-KR_TX	GND	P1_10G-KR_RX#	P1_10G-KR_RX
2	GND	P2_10G-KR_TX#	P2_10G-KR_TX	GND	P2_10G-KR_RX#	P2_10G-KR_RX	GND
3	SWITCH_USB_D-	GND	P3_10G-KR_TX#	P3_10G-KR_TX	GND	P3_10G-KR_RX#	P3_10G-KR_RX
4	GND	P4_10G-KR_TX#	P4_10G-KR_TX	GND	P4_10G-KR_RX#	P4_10G-KR_RX	GND
5	SWITCH_XSMI_MDIO	GND	P5_10G-KR_TX#	P5_10G-KR_TX	GND	P5_10G-KR_RX#	P5_10G-KR_RX
6	GND	P6_10G-KR_TX#	P6_10G-KR_TX	GND	P6_10G-KR_RX#	P6_10G-KR_RX	GND
7	SWITCH_XSMI_MDC	GND	P7_10G-KR_TX#	P7_10G-KR_TX	GND	P7_10G-KR_RX#	P7_10G-KR_RX
8	GND	P8_10G-KR_TX#	P8_10G-KR_TX	GND	P8_10G-KR_RX#	P8_10G-KR_RX	GND
9	SWITCH_I2C_SDA	GND	P9_10G-KR_TX#	P9_10G-KR_TX	GND	P9_10G-KR_RX#	P9_10G-KR_RX
10	GND	P10_10G-KR_TX#	P10_10G-KR_TX	GND	P10_10G-KR_RX#	P10_10G-KR_RX	GND
11	SWITCH_I2C_SCL	GND	P11_10G-KR_TX#	P11_10G-KR_TX	GND	P11_10G-KR_RX#	P11_10G-KR_RX
12	GND	P12_10G-KR_TX#	P12_10G-KR_TX	GND	P12_10G-KR_RX#	P12_10G-KR_RX	GND
13	CPU_RS232_TXD	GND	P13_10G-KR_TX#	P13_10G-KR_TX	GND	P13_10G-KR_RX#	P13_10G-KR_RX
14	GND	P14_10G-KR_TX#	P14_10G-KR_TX	GND	P14_10G-KR_RX#	P14_10G-KR_RX	GND
15	CPU_RS232_RXD	GND	P15_10G-KR_TX#	P15_10G-KR_TX	GND	P15_10G-KR_RX#	P15_10G-KR_RX
16	GND	P16_10G-KR_TX#	P16_10G-KR_TX	GND	P16_10G-KR_RX#	P16_10G-KR_RX	GND

P2 I/O CHART

	G	F	E	D	C	B	A
1	CPU_DEBUG_1G-T_DA	GND	P17_10G-KR_TX#	P17_10G-KR_TX	GND	P17_10G-KR_RX#	P17_10G-KR_RX
2	GND	P18_10G-KR_TX#	P18_10G-KR_TX	GND	P18_10G-KR_RX#	P18_10G-KR_RX	GND
3	CPU_DEBUG_1G-T_DA#	GND	P19_10G-KR_TX#	P19_10G-KR_TX	GND	P19_10G-KR_RX#	P19_10G-KR_RX
4	GND	P20_10G-KR_TX#	P20_10G-KR_TX	GND	P20_10G-KR_RX#	P20_10G-KR_RX	GND
5	CPU_DEBUG_1G-T_DB	GND	P21_10G-KR_TX#	P21_10G-KR_TX	GND	P21_10G-KR_RX#	P21_10G-KR_RX
6	GND	P22_10G-KR_TX#	P22_10G-KR_TX	GND	P22_10G-KR_RX#	P22_10G-KR_RX	GND
7	CPU_DEBUG_1G-T_DB#	GND	P23_10G-KR_TX#	P23_10G-KR_TX	GND	P23_10G-KR_RX#	P23_10G-KR_RX
8	GND	P24_10G-KR_TX#	P24_10G-KR_TX	GND	P24_10G-KR_RX#	P24_10G-KR_RX	GND
9	CPU_DEBUG_1G-T_DC	GND	P25_10G-KR_TX#	P25_10G-KR_TX	GND	P25_10G-KR_RX#	P25_10G-KR_RX
10	GND	P26_10G-KR_TX#	P26_10G-KR_TX	GND	P26_10G-KR_RX#	P26_10G-KR_RX	GND
11	CPU_DEBUG_1G-T_DC#	GND	P27_10G-KR_TX#	P27_10G-KR_TX	GND	P27_10G-KR_RX#	P27_10G-KR_RX
12	GND	P28_10G-KR_TX#	P28_10G-KR_TX	GND	P28_10G-KR_RX#	P28_10G-KR_RX	GND
13	CPU_DEBUG_1G-T_DD	GND	P29_10G-KR_TX#	P29_10G-KR_TX	GND	P29_10G-KR_RX#	P29_10G-KR_RX
14	GND	P30_10G-KR_TX#	P30_10G-KR_TX	GND	P30_10G-KR_RX#	P30_10G-KR_RX	GND
15	CPU_DEBUG_1G-T_DD#	GND	P31_10G-KR_TX#	P31_10G-KR_TX	GND	P31_10G-KR_RX#	P31_10G-KR_RX
16	GND	P32_10G-KR_TX#	P32_10G-KR_TX	GND	P32_10G-KR_RX#	P32_10G-KR_RX	GND

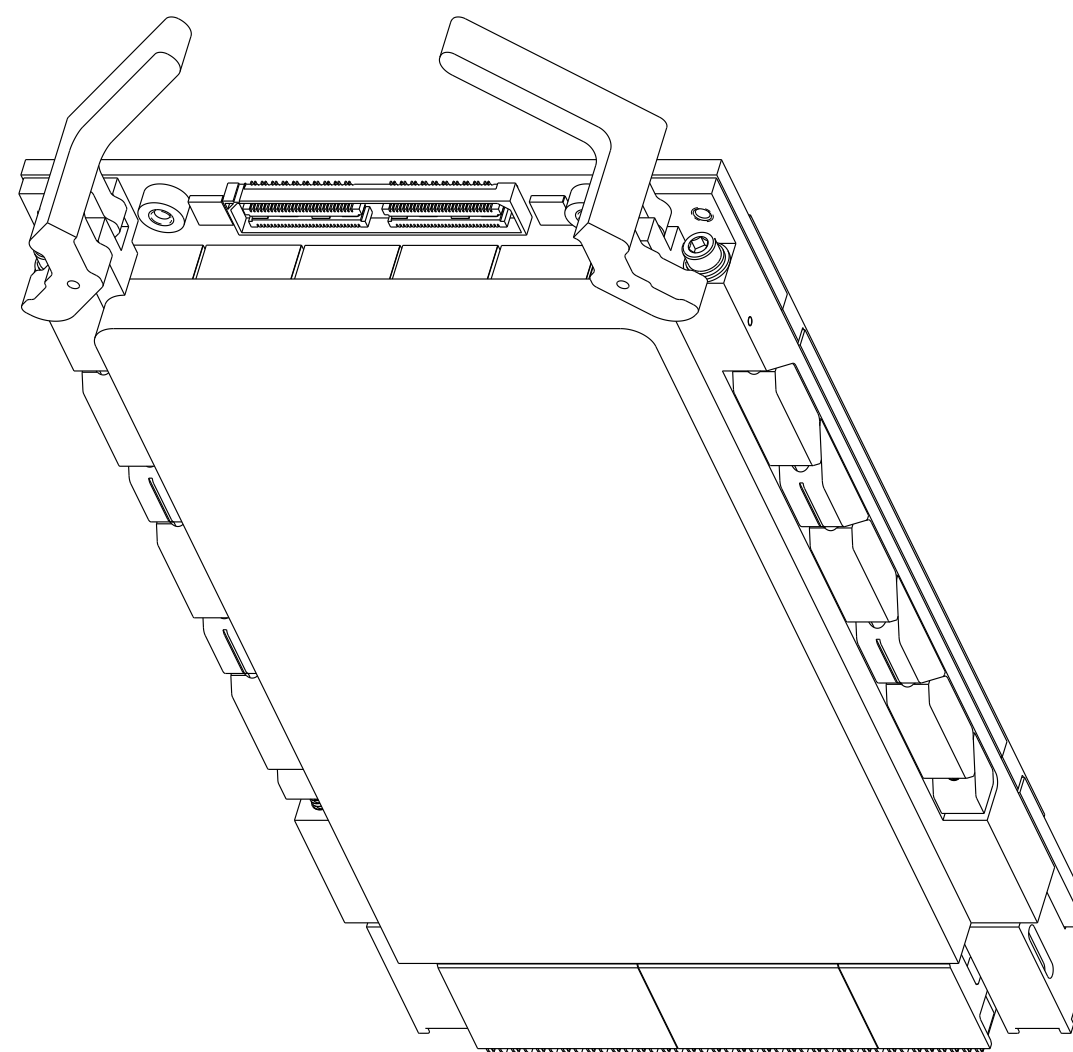
SEE SHEET 3

NOTES:

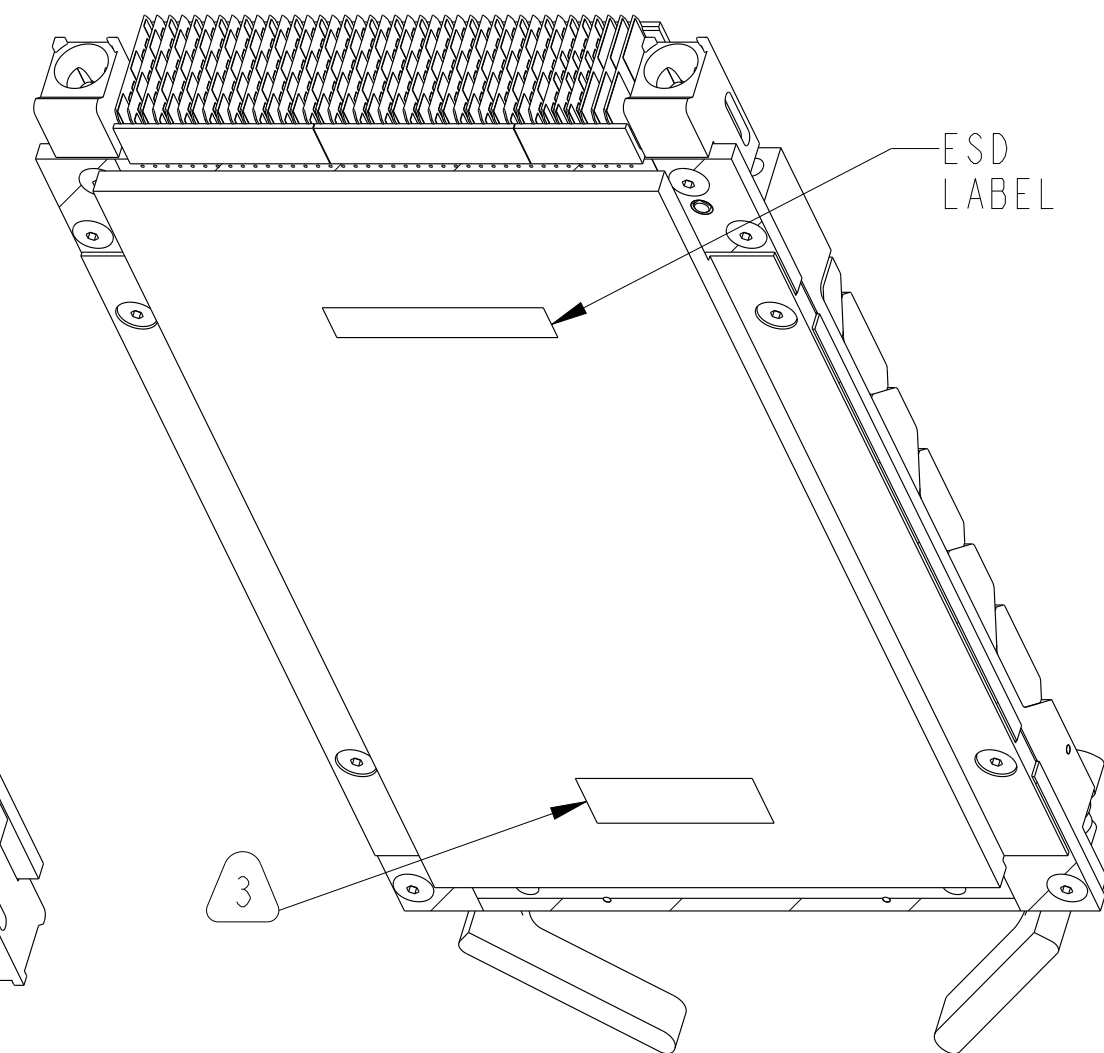
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SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-020400-024	REV. A
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TOP ISOMETRIC VIEW
SCALE 1.000



BOTTOM ISOMETRIC VIEW
SCALE 1.000

6. J2 CONNECTOR MATING CABLE:
SAMTEC HQDP-040-()-TTR-()-()-()
(PARENTHESIS TO BE FILLED PER SAMTEC HQDP DATASHEET FOR DESIRED TYPE)

5. OPERATING TEMPERATURE: -40°C TO +85°C

4. MARKING ON LABEL MAY DIFFER FROM DRAWING BASED ON CUSTOMER SPECIFIC ORDER REQUIREMENTS.

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

EXAMPLE: FOR ASSEMBLY NUMBER 7 BUILT ON OCT 20 (WEEK 43), 2020
AMPHENOL
CF-020400-024
2043007

2. PACKAGE PER PRODUCTION PROCESS SHEET.

1. 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.

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SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-020400-024	REV. A
SCALE: 1.0		REF: CF-020400-026	SHEET 3 OF 3