

REV. A		SHEET 1 OF 3		DOCUMENT NO. CF-020400-57X	
REVISIONS M					
LTR		DESCRIPTION			DATE
A		INITIAL RELEASE			10/03/2022

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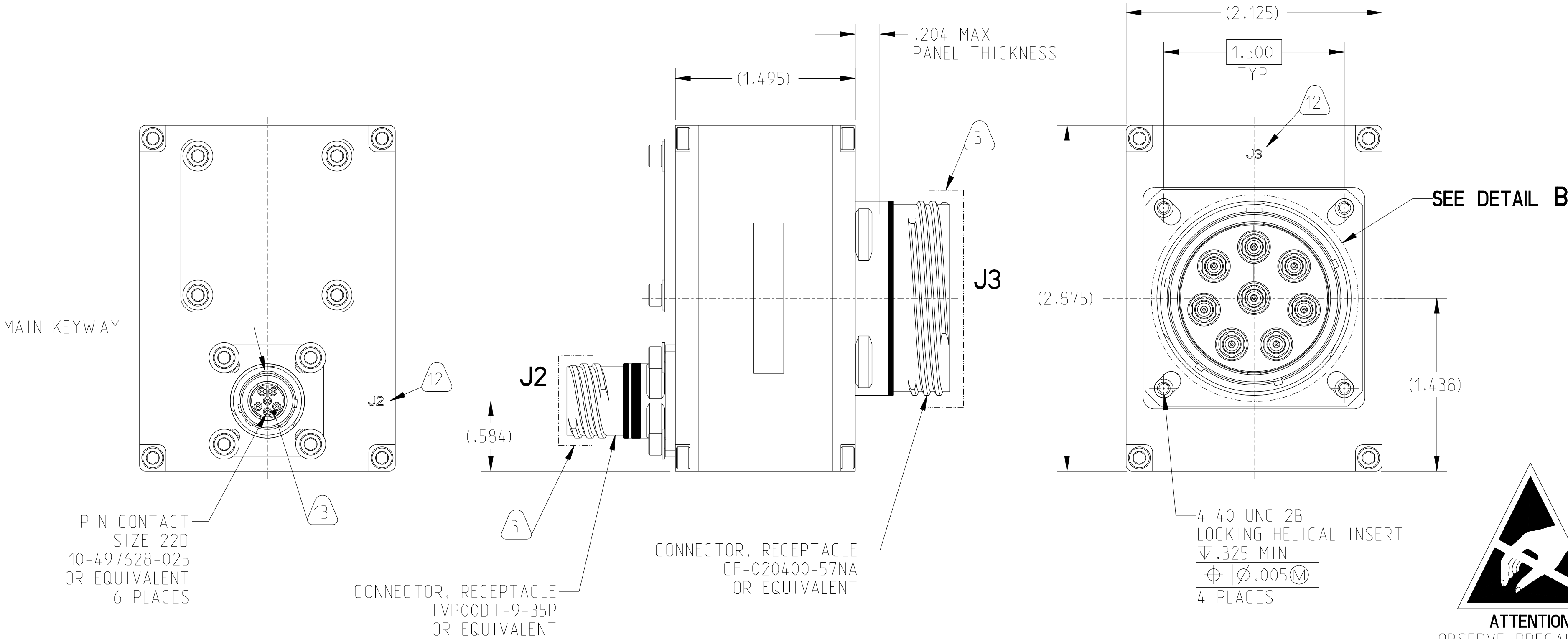
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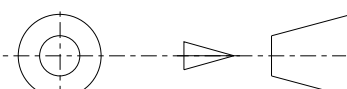
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PART NUMBER	J2 CONNECTOR KEY ROTATION	J3 CONNECTOR KEY ROTATION
CF-020400-57N	N	N



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PRO/ENGINEER INFORMATION	
Pro/e Model Used:	
CF-020400-57X.ASSEM	
Drawing Name:	
CF-020400-57X	

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE	
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 Slds. PER 9-3800 LEGENDS: -FLAG NOTE CALL OUT REFERENCE ONLY 		MATERIAL SPEC.		PARTS LIST					
		NONE		APPROVALS		DATE		AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838 ETHERNET SWITCH 4 PORTS	
				PREPARED BY W. LEE		29-Sep-22			
				ENGINEER IN CHARGE W. LEE					
				DESIGN MANAGER J. ROTHROCK					
				DESIGN ACTIVITY GROUP CI					
PROCESS SPEC.				THIRD ANGLE PROJECTION					
SEE NOTE 8						SIZE C		CAGE CODE 77820	
						DOCUMENT NO. CF-020400-57X		REV. A	
						SCALE: 1.5		REF. CF-020400-51X	
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Eng PDM Information
For Reference Only

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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	FIBER TYPE
A	CH_1_1GBASE-LX_TX	9/125 SINGLE-MODE 1310nm
B	CH_1_1GBASE-LX_RX	
C	CH_2_1GBASE-LX_TX	
D	CH_2_1GBASE-LX_RX	50/125 MULTI-MODE 850nm
E	CH_3_1GBASE-SX_TX	
F	CH_3_1GBASE-SX_RX	
G	CH_4_1GBASE-SX_TX	
H	CH_4_1GBASE-SX_RX	

DETAIL B

J3 CONNECTOR

SCALE 3.000

CTF-QUAD TOSA
1310nm SINGLE-MODE
CF-170900-044
2 PLACES
CAVITY A,C

CTF-QUAD ROSA
1310nm SINGLE-MODE
CF-170900-045
2 PLACES
CAVITY B,D

CTF-QUAD ROSA
850nm MULTI-MODE
CF-170900-001
CAVITY F,H

CTF-QUAD TOSA
850nm MULTI-MODE
CF-170900-000
CAVITY E,G

MAIN KEYWAY

13

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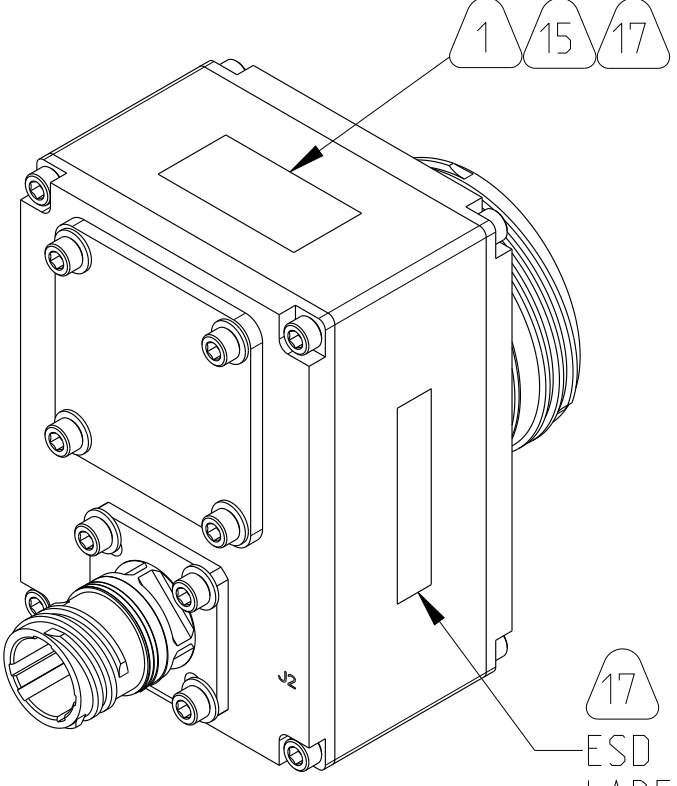
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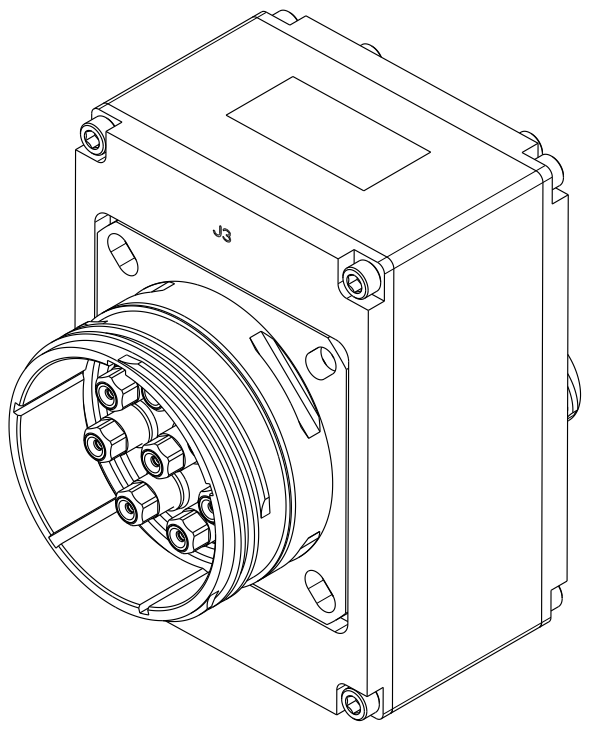
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ESD WARNING LABEL

FRONT ISOMETRIC VIEW

SCALE 1.000



REAR ISOMETRIC VIEW

SCALE 1.000

10. APPROXIMATE WEIGHT: 272 GRAMS

9. CONVERTER HOUSING AND CONNECTOR SHELLS ARE Ni-PTFE (DURMALON) PLATED ALUMINUM ALLOY.

8. PROCESS SPEC: 9-3856-5, 9-9172-3

7. SEE J3 CONNECTOR I/O TABLE FOR COMPATIBLE FIBER TYPES.

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-020400-57N
2233008

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17. BRADY B-103 CLEAR LAMINATING APPLIED TO INDICATED LABEL.

16. OPERATING TEMPERATURE: -40°C TO 70°C
STORAGE TEMPERATURE: -55°C TO 85°C

15. LABEL MATERIAL:
POLYESTER WITH PERMANENT ACRYLIC ADHESIVE
BRADY B-422

14. MATING CONNECTOR REFERENCE:
J2 MATING CONNECTOR: TV06DT-9-35S OR EQUIVALENT
J3 MATING CONNECTOR: TV06QDT-25-8S(LC) OR EQUIVALENT
J3 MATING CONTACT:
CF-198149-128 ARINC801 FOR TIGHT STRUCTURE FIBER
WITH CF-198201-000 ARINC801 ADAPTER

13. FOR INSERT ARRANGEMENT, SEE FOLLOWING DOCUMENTS.
J2 CONNECTOR: L-21808-35
J3 CONNECTOR: LQ-21824-8

12. J2 AND J3 CONNECTOR DESIGNATORS SHALL BE STAMPED IN CONTRASTING COLOR PER 9-3856-5. LOCATION OF DESIGNATORS SHALL BE APPROXIMATELY AS SHOWN. .075" MINIMUM LETTER HEIGHT.

11. USE OF LEAD-FREE SOLDER IS PROHIBITED.

SIZE C

CAGE CODE 77820

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SCALE: 1.5

REF: CF-020400-51X

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Mouser Electronics

Authorized Distributor

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