

REV. A	SHEET 1 OF 3	DOCUMENT NO. CF-020400-51X
REVISIONS M		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	08/15/2022

CF-020400-51X

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REV. A

C

B

A

PART NUMBER

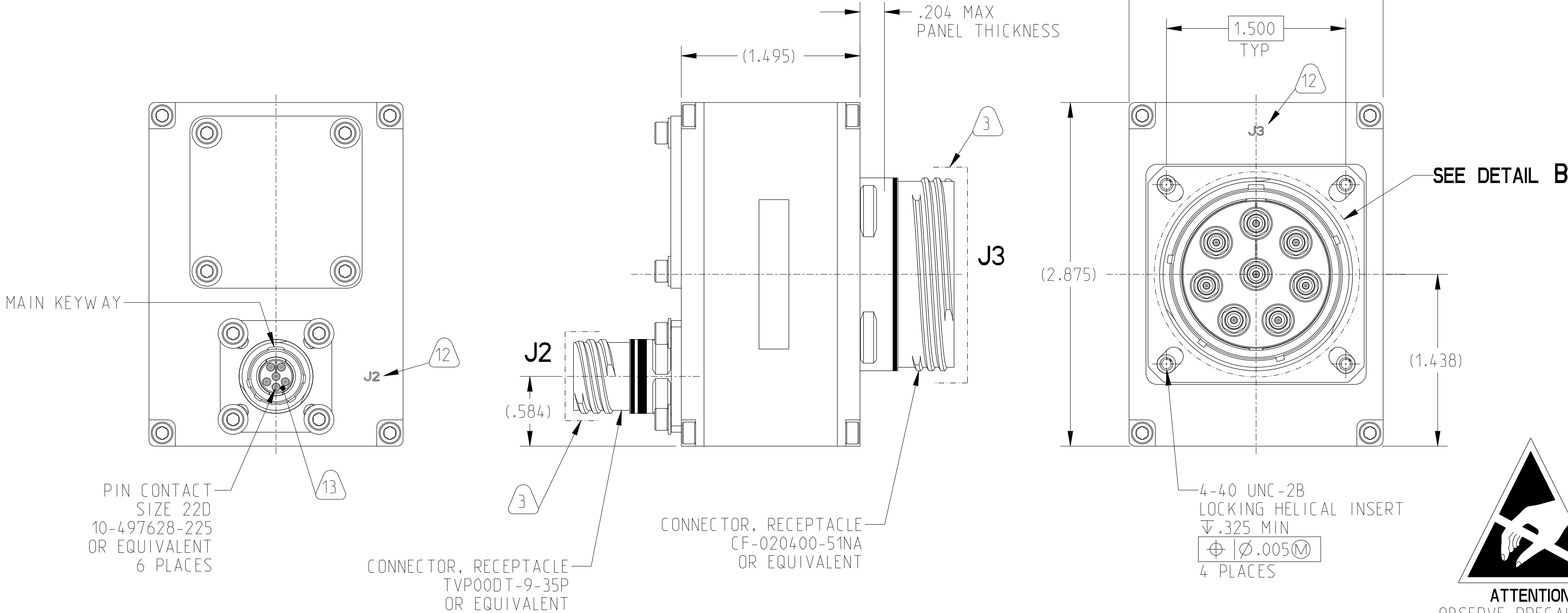
CF-020400-51N

J2 CONNECTOR
KEY ROTATION

N

J3 CONNECTOR
KEY ROTATION

N



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

SEE SHEET 3

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PRO/ENGINEER INFORMATION
Pro/e Model Used:
CF-020400-51X.ASSEM
Drawing Name:
CF-020400-51X

NONE

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = $\pm$.0005 ANGLES= $\pm$ 2° .XXX = $\pm$.010 .XX = $\pm$.03 .X = $\pm$.1 DIM.& TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Sds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY	MATERIAL SPEC.	PARTS LIST				
	NONE	APPROVALS				
	PROCESS SPEC.	DATE				
	SEE NOTE 8	THIRD ANGLE PROJECTION				
		CAGE CODE		DOCUMENT NO.		
		77820		CF-020400-51X		
		SCALE: 1.5		SHEET 1 OF 3		

AMPHENOL CORPORATION

40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13858

ETHERNET SWITCH
4 PORTS

SIZE
C

CAGE CODE
77820

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U

VERSION

REVISION

Eng PDM Information
For Reference Only

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J3 CONNECTOR

ID	DESCRIPTION	FIBER TYPE
A	CH_1_100BASE-FX_TX	50/125 MULTI-MODE 1300nm
B	CH_1_100BASE-FX_RX	
C	CH_2_100BASE-FX_TX	
D	CH_2_100BASE-FX_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	

J2 CONNECTOR

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

MAIN KEYWAY

CTF-QUAD TOSA
1300nm MULTI-MODE
CF-170900-024
2 PLACES
CAVITY A,C

CTF-QUAD ROSA
1300nm MULTI-MODE
CF-170900-025
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

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DETAIL B
J3 CONNECTOR
SCALE 3.000

SEE SHEET 3

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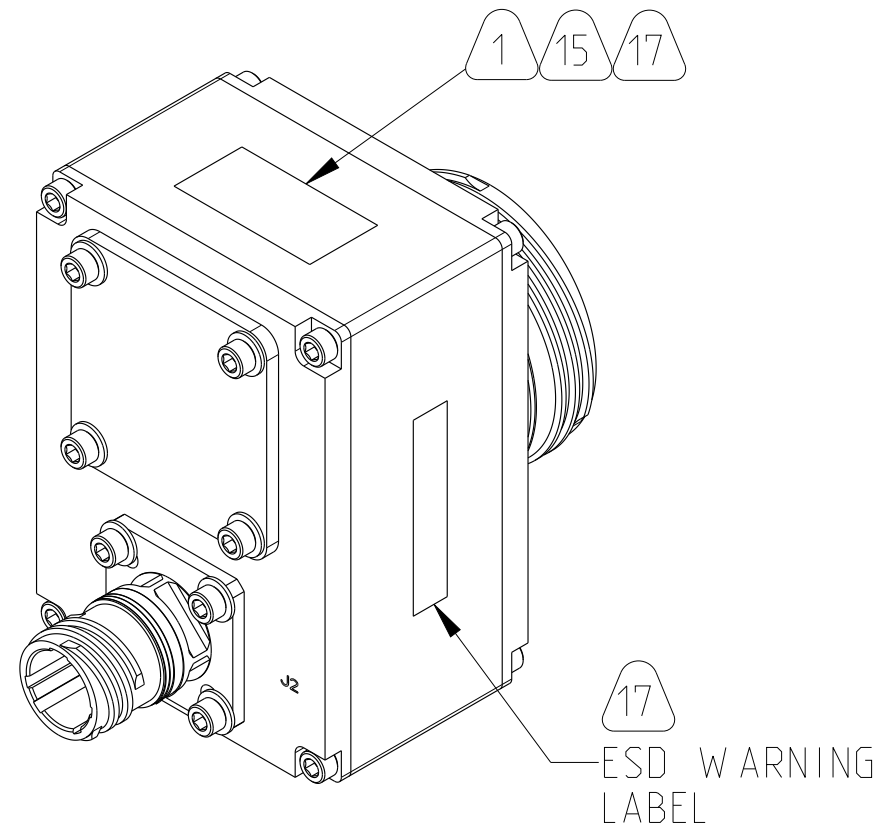
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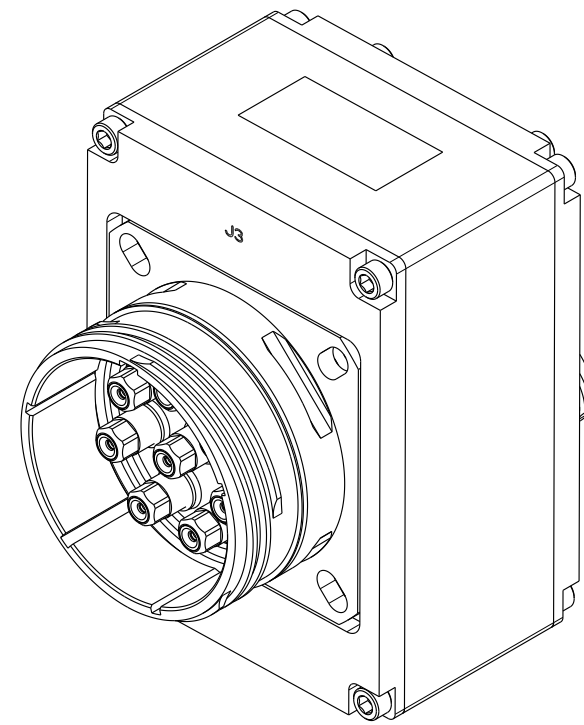
Eng. PDM Information
For Reference Only

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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-020400-51N
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.

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Mouser Electronics

Authorized Distributor

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