PART NUMBER	SUPPLIER PART NUMBER
CF-170021-113	TR-25-2-04-1-P-MT-A-1-C-00

REVISIONS		
LTR	DESCRIPTION	DATE
X-0	PRELIMINARY DESIGN	08/22/2024

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SOURCE OF SUPPLY

AMPHENOL ACTIVE OPTICS PRODUCT

HOLZHAUSER STASSE
175-13509
BERLIN, GERMANY

PRELIMINARY DRAWING REVISION: X-0

PRELIMINARY DRAWING REVISION: X-0

4. PART PICTURE SHOWN ARE FOR REFERENCE ONLY.

3. PART DESCRIPTION, FOR REFERENCE ONLY:

QEPT 100G NRZ

DATA RATE: 100G OVER 4 CH
OPTICAL PORT: MT
OPERATING TEMP: -40°C TO +85°C
CONFORMAL COATING: YES
POWER SUPPLY VOLTAGE: 3.3V AND 1.8V
POWER CONSUMPTION: BELOW 2W
BIT ERROR RATE @ 25G: BELOW 10^-12
TRANSMITTER TYPE: 850nm VCSEL LASER
RECEIVER TYPE: PIN PHOTODIODE

2. COMPONENT CONTAINS ELECTROSTATIC DISCHARGE (ESD) SENSITIVE COMPONENTS. WITHIN AMPHENOL AEROSPACE SHALL BE HANDLED, TRANSPORTED, AND STORED PER 9-9230.

1. ONLY THE ITEM(S) DESCRIBED ON THIS DRAWING WHEN PROCURED FROM VENDOR(S) LISTED HEREIN AND THEIR APPROVED DISTRIBUTOR(S) IS APPROVED BY AMPHENOL AEROSPACE OPERATIONS, SIDNEY, NY. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL BY AMPHENOL AEROSPACE OPERATIONS.

NOTES:

ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

SOURCE CONTROL DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

NEXT ASSEMBLY: NONE

CREO INFORMATION
CREO Model Used: CF-170021-113.PART
Drawing Name: CF-170021-113

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.: 9-9230

POS	QTY	PART NUMBER	DESCRIPTION	NOTE

PARTS LIST

APPROVALS		DATE
PREPARED BY	W. LEE	22-Aug-24
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

OPTICAL MODULE
100G

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	CF-170021-113	X-0

SCALE: 5.0 | REF. CF-170021-110 | SHEET 1 OF 2

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FORMAT: C-L-E-1_PRELIMINARY

Eng PDM Information For Reference Only | REVISION - | VERSION 0

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