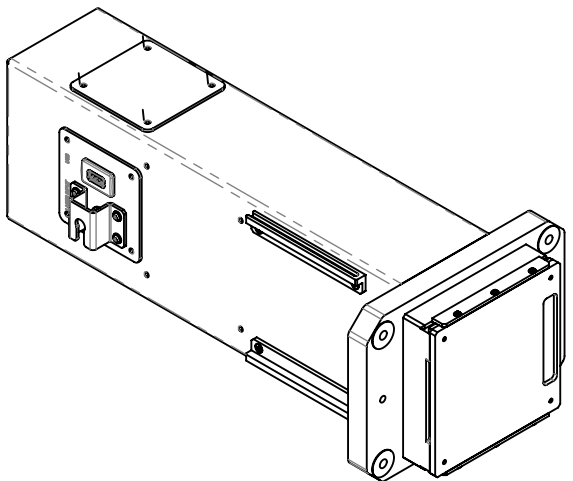


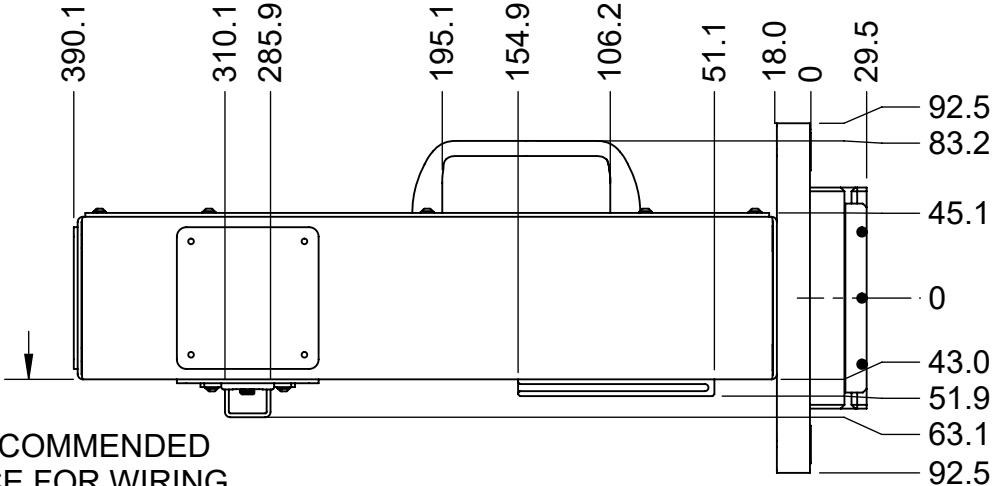
NOTES:

1. THIS DOCUMENT CONTROLS THE FOLLWING INTERFACES:
 - MECHANICAL INTERFACES ARE FLAGGED M
 - OPTICAL INTERFACES ARE FLAGGED O
 - ELECTRICAL INTERFACES ARE FLAGGED E
2. HANDLING SPECIFIC NOTES:
POWDERLESS GLOVES TO BE WORN WHEN HANDLING. AVOID TOUCHING EXPOSED OPTICAL SURFACES.
3. CLEANING SPECIFIC NOTES:
ILLUMINATOR MAY BE CLEANED OF PARTICULATES WITH CLEAN COMPRESSED AIR OR NITROGEN. OPTICAL SURFACES CAN BE CLEANED BY EXPERIENCED PERSONNEL WITH OPTICAL GRADE ISOPROPYL ALCOHOL AND COMPRESSED CLEAN AIR OR NITROGEN IF ABSOLUTELY NECESSARY. EXTERIOR NON-OPTICAL SURFACES CAN BE WIPED WITH LINT FREE WIPES AND ISOPROPYL ALCOHOL.
4. INSTALLATION NOTES:
 - GENTLY LOWER ASSEMBLY ON TO LOCATING PINS
 - RECOMMENDED INTERFACE FOR PRIMARY DATUM A: FLAT PLATE
 - RECOMMENDED INTERFACE FOR SECONDARY DATUM B: 5MM DOWEL PIN
 - RECOMMENDED INTERFACE FOR TERTIARY DATUM C: 5MM DIAMOND PIN
5. ESTIMATED MASS: 3.6 KILOGRAMS
6. OPTICAL CALIBRATION PATTERN IS ORIENTED AS SHOWN.
7. REMOVE SHIPPING CAP AFTER INSTALLATION AND STORE IN STORAGE SLOTS.
8. TO INSTALL INPUT FIBER, REMOVE LOCKING PLATE USING MCMASTER-CARR PART 7377A42 OR EQUIVALENT. REPLACE LOCKING PLATE AND SCREWS AFTER FIBER IS INSTALLED.

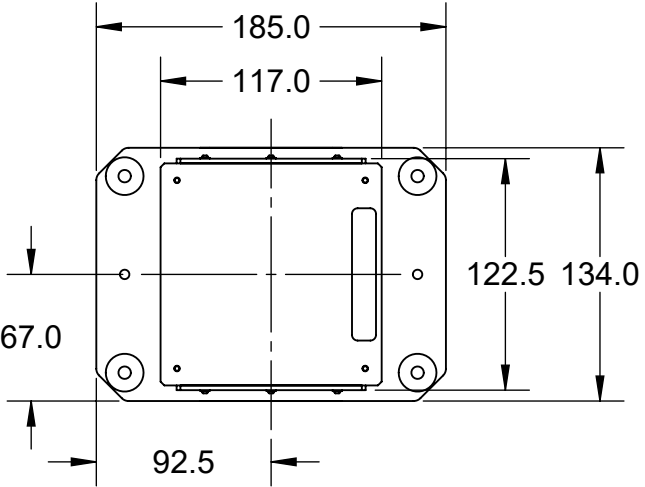
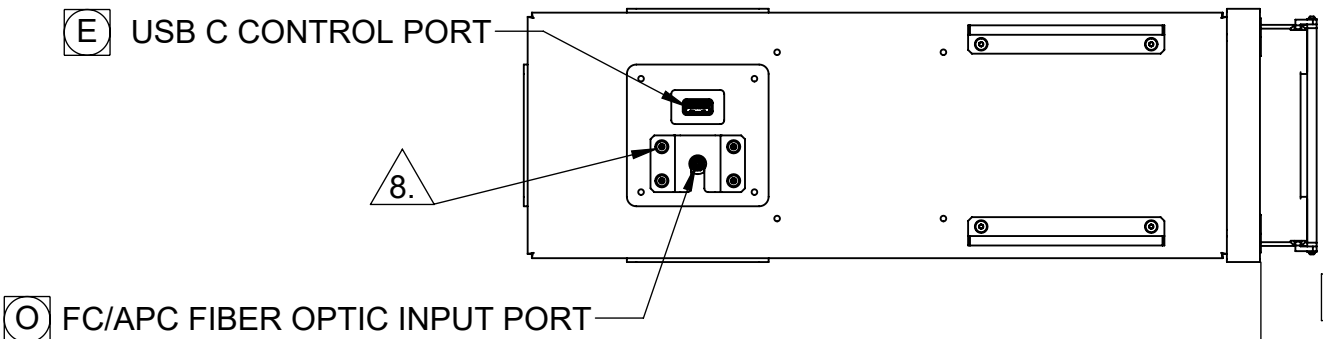
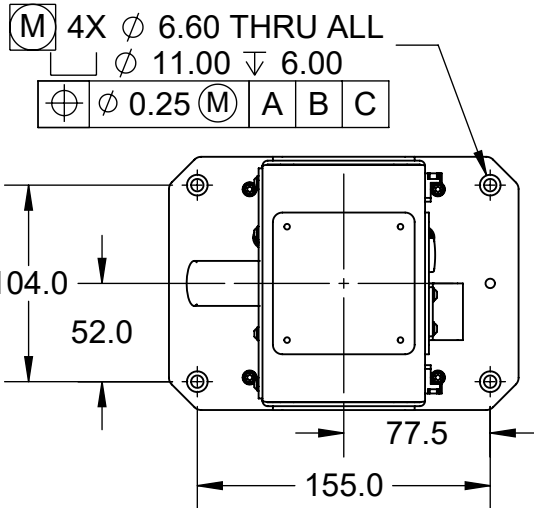
REVISIONS				
REV.	DESCRIPTION	DATE	DRAWN	APPROVED
A	INITIAL RELEASE	2020-08-13	B. HOFMANN	M. PEARSON
B	UPDATED TAMPER RESISTANT SCREWS	2020-08-18	B. HOFMANN	M. PEARSON



ISOMETRIC VIEW
SCALE 1 : 5



90 MM RECOMMENDED
CLEARANCE FOR WIRING



A
0.025 CF
M 4 MOUNTING SURFACES

SHIPPING CAP INSTALLED

PROPRIETARY STATEMENT
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UNLESS OTHERWISE NOTED:

DIMENSIONS ARE IN MILLIMETERS

INTERPRET DIMENSIONS PER ASME Y14.5 - 2009

DIMENSIONS APPLY AFTER FINISH

THIRD ANGLE PROJECTION

TOLERANCES

X ± 0.8

X.X ± 0.3

X.XX ± 0.13

X° ± 0.5°

SURFACE FINISH

1.6

APPROVALS

DRAWN	B. HOFMANN	2020-07-30
CHECKED	M. PEARSON	2020-08-13
ENGINEER	B. HOFMANN	2020-07-30

QUARTUS

ENGINEERING

DESCRIPTION

ASSY, TESSERACT XL-HD

DWG NO.

Q5179-0050-ICD

REV

B

SHEET

1 OF 3

SOLIDWORKS

DO NOT SCALE DRAWING

SIZE: B

SCALE: 1:4

CAD REV: X001

PROJECT NO

Q5179

CAGE CODE

1WK85

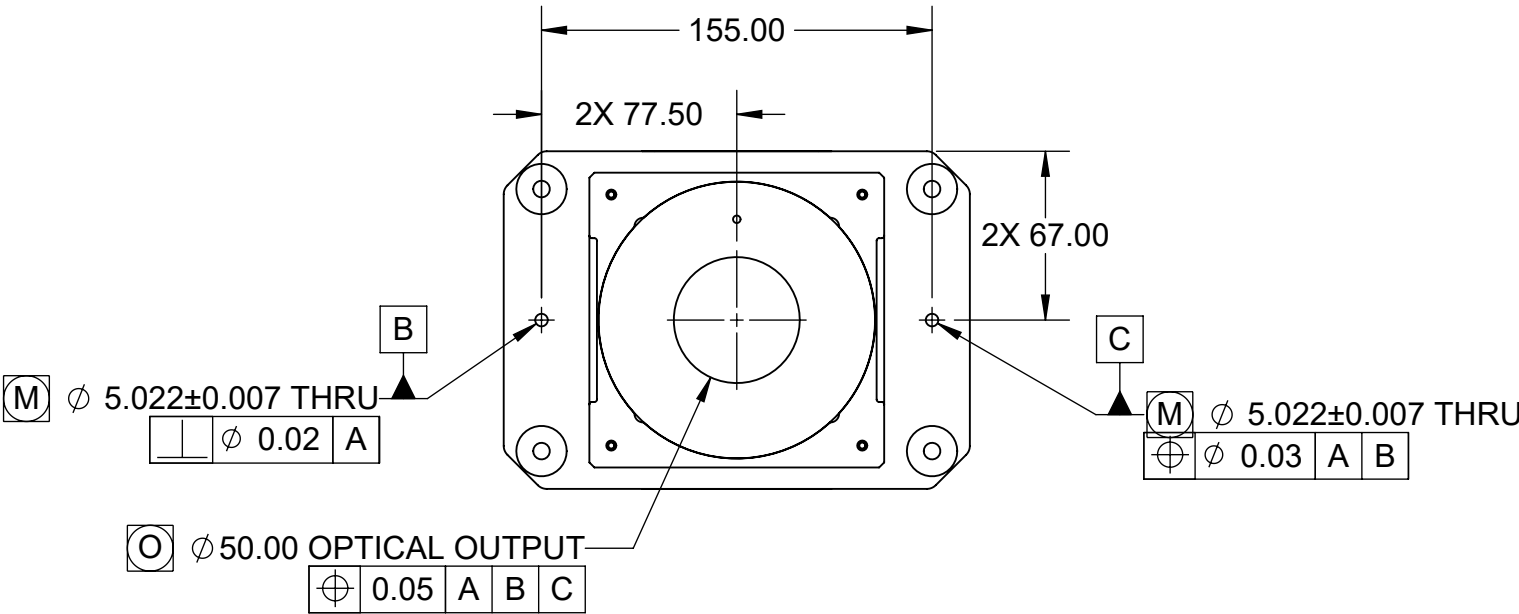
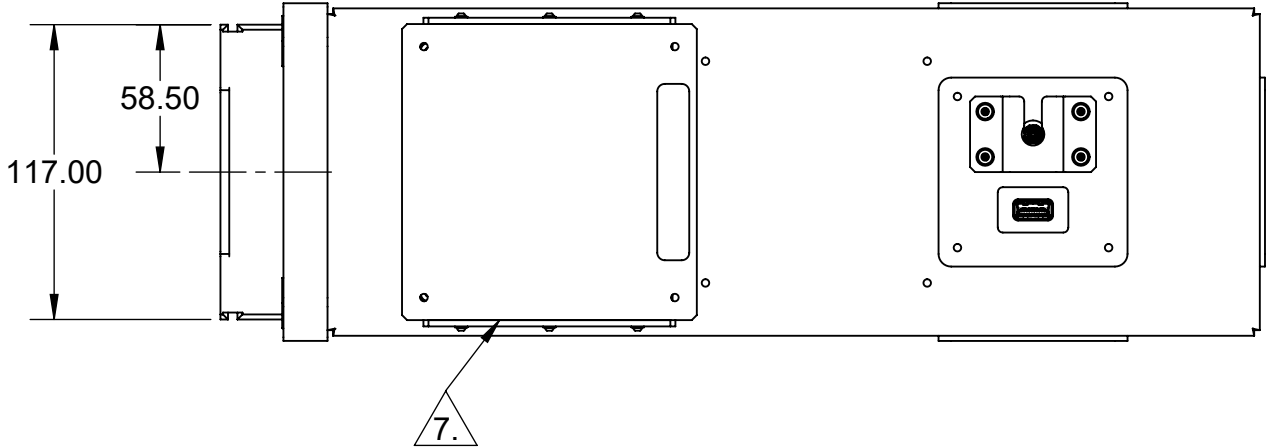
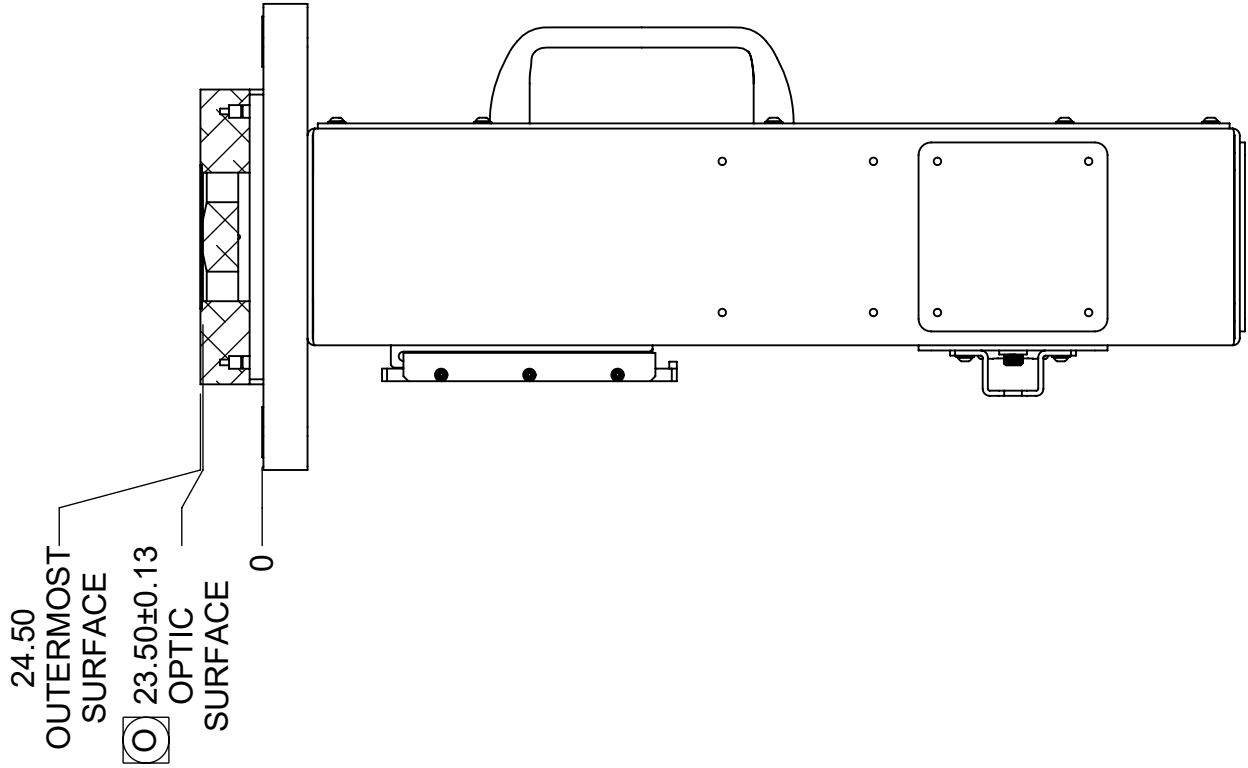
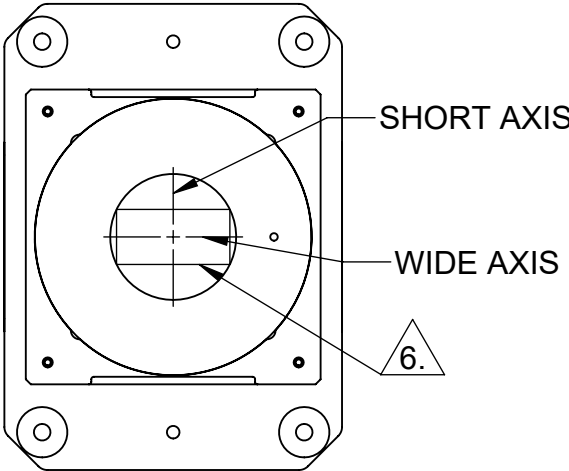
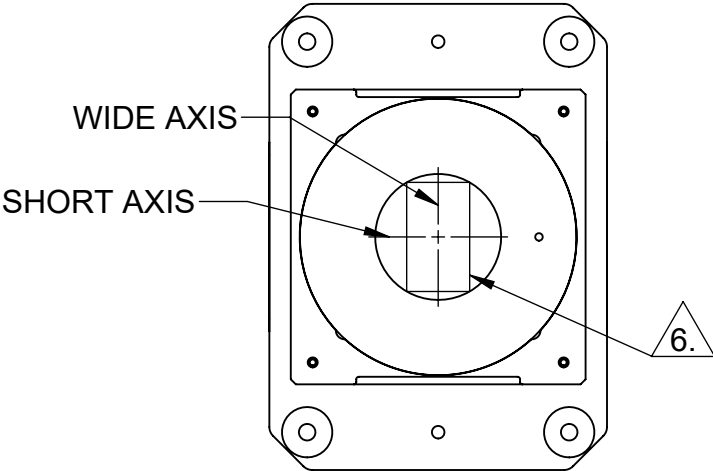
CAD FILE: Q5179-0050

DRW FILE: Q5179-0050-ICD.SLDDRW

VY DOE CONFIGURATION

VX DOE CONFIGURATION

**BROKEN-OUT SECTION VIEW
TO SHOW OPTIC SURFACE**

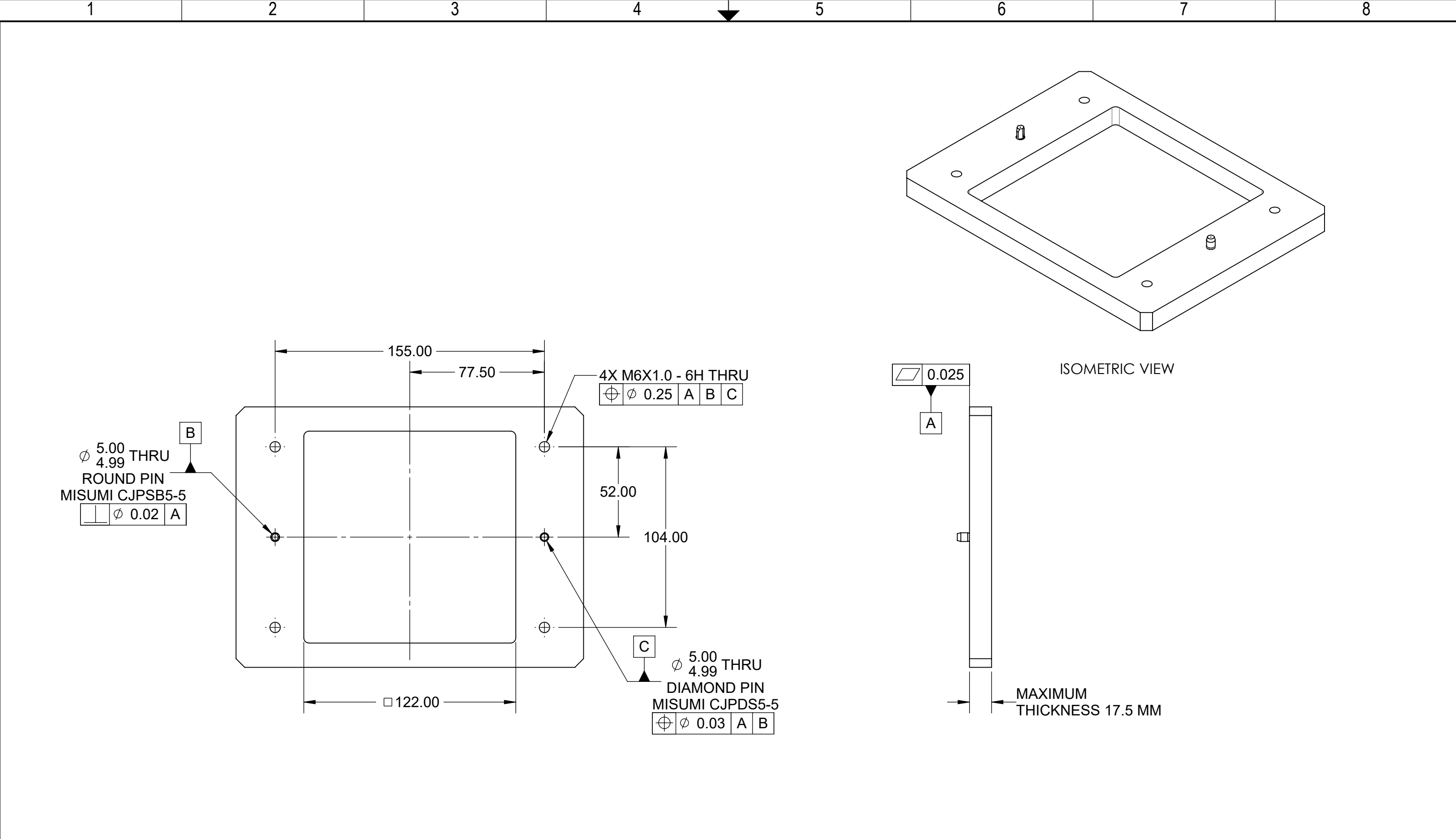


SHIPPING CAP REMOVED

PROPRIETARY STATEMENT
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DWG NO.	REV	SHEET
Q5179-0050-ICD	B	2 OF 3
SOLIDWORKS	DO NOT SCALE DRAWING	SIZE: B SCALE: 1:3 CAD REV: X001

CAD FILE: Q5179-0050
DRW FILE: Q5179-0050-ICD.SLDDRW



EXAMPLE INTERFACE PLATE

PROPRIETARY STATEMENT
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QAL-0079 REV A

DWG NO.	REV	SHEET
Q5179-0050-ICD	B	3 OF 3
SOLIDWORKS	DO NOT SCALE DRAWING	SIZE: B SCALE: 1:2 CAD REV: X001

CAD FILE: EXAMPLE INTERFACE PLATE.SLDASM
DRW FILE: Q5179-0050-ICD.SLDDRW