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NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

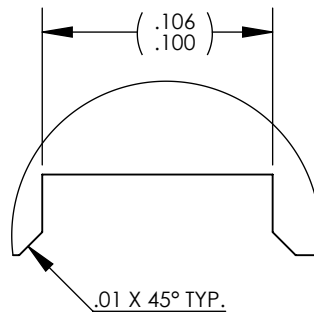
6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

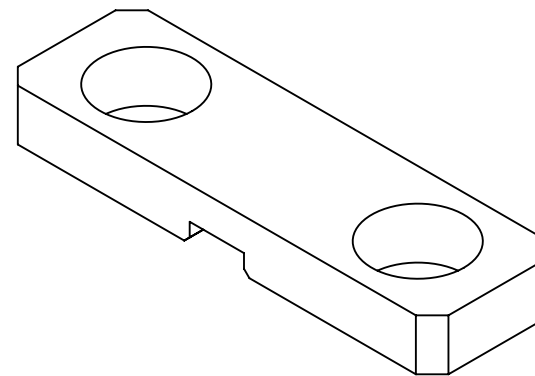
9. UNLESS OTHERWISE SPECIFIED, MACHINE FILLET RADII .016 MAX.

⑩ VICTREX 450G. VIRGIN PEEK RESIN, NO OTHER ADDITIVES.

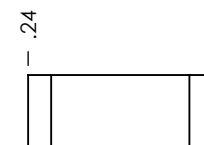
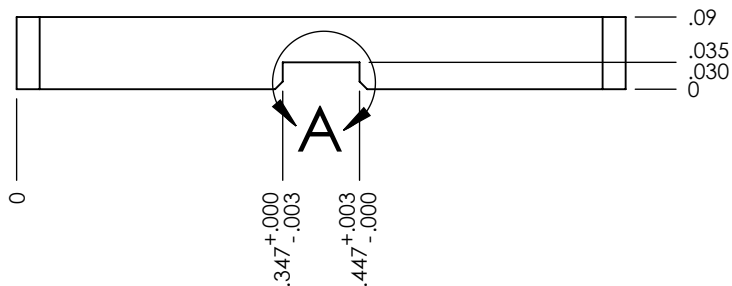
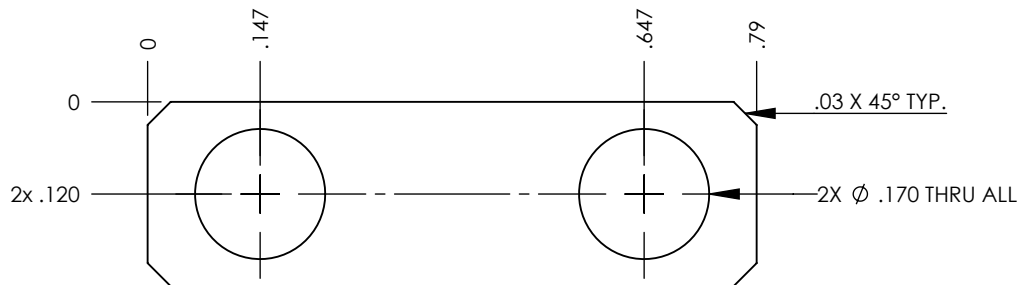


DETAIL A
SCALE 12 : 1

REV.	DATE	DCN #	DRAWING TREE #
v1	13 MAR 2017	E1700061-x0	-
v2	24 APR 2017	E1700152-x0	-
-	-	-	-



ISO VIEW



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .01
 .XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL

PEEK ⑩

FINISH

63 μinch



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM

ADVANCED LIGO

NEXT ASSY

D1600270

SUB-SYSTEM

PSL

PART NAME

aLIGO, PSL, PreMode Cleaner, TEMP SENSOR CLAMP

DESIGNER

E.SANCHEZ 07 JUN 2016

DRAFTER

E.SANCHEZ 13 DEC 2016

CHECKER

SEE DCC SEE DCC

APPROVAL

SEE DCC SEE DCC

SIZE

A

DWG. NO.

D1600246

SCALE: 4:1

PROJECTION:

REV.

v2

SHEET 1 OF 1

4

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