

4

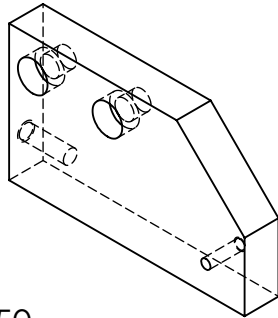
3

2

1

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. APPROXIMATE WEIGHT = X.XXX LB.

7.FINISH: CLEAR ANODIZE

REV.	DATE	DCN #	DRAWING TREE #
V2	1 JUL 2013	E1300516	-
-	-	-	-
-	-	-	-

$\phi$  .201  $\nabla$  .650  
 1/4-20 UNC  $\nabla$  .500

$\oplus$   $\phi$  .022 (M) A B C

2X  $\phi$  .281 THRU ALL

$\square$   $\phi$  .438  $\nabla$  .250

$\oplus$   $\phi$  .014 (M) A B C

$\phi$  .136 THRU ALL

8-32 UNC THRU ALL

$\oplus$   $\phi$  .016 (M) A B C

B

A

2.00

1.50

.50

.25

.38

0

.35

1.45

2.90

3.47

C

45.0°

1.00

.50

5

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX  $\pm$  .01  
 .XXX  $\pm$  .005

ANGULAR  $\pm$  0.2°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES: .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL 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

6061-T6 Al

FINISH

125  $\mu$ inch



CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM

ADVANCED LIGO

NEXT ASSY

D1101860

SUB-SYSTEM

ISC

PART NAME

ALS Lower Periscope Mirror Riser

DESIGNER

BJJ Slagmolen

DRAFTER

BJJ Slagmolen

CHECKER

SBARNUM

APPROVAL

PRITSCHEL

24 Jul 11

24 Jul 11

1 JUL 2013

1 JUL 2013

SIZE DWG. NO.

A

D1101859

REV.

v2

SCALE: 1:1

PROJECTION:



SHEET 1 OF 1

4

3

2

1