

4

3

2

1

## NOTES CONTINUED:

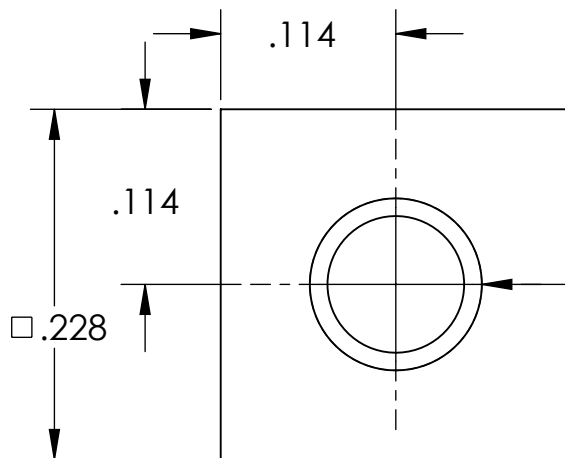
⑤ SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), 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 = 1.5g.

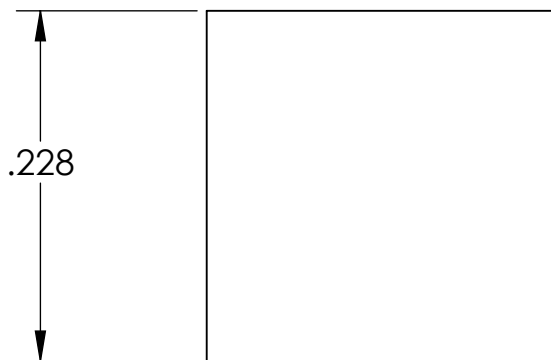
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

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

9. 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.



Ø .089 THRU ALL  
4-40 UNC - 2B THRU ALL  
✓ Ø .112 X 90°, NEAR SIDE  
✓ Ø .112 X 90°, FAR SIDE



## NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

## TOLERANCES:

.XX ± .01  
.XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASMEY14.5-1994.  
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

COPPER

## FINISH

63 μinch



CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

## SYSTEM

ADVANCED LIGO

## NEXT ASSY

D1500228

## SUB-SYSTEM

SUS

## PART NAME

QUAD, SUS, Bounce & Roll mode damper, Mass 1.5g

## DESIGNER

E.SANCHEZ

22 JUL 2015

## DRAFTER

E.SANCHEZ

05 AUG 2015

## CHECKER

SEE DCC

SEE DCC

## APPROVAL

SEE DCC

SEE DCC

## SIZE

A

## DWG. NO.

D1500223

## REV.

v1

SCALE: 8:1

PROJECTION:



SHEET 1 OF 1