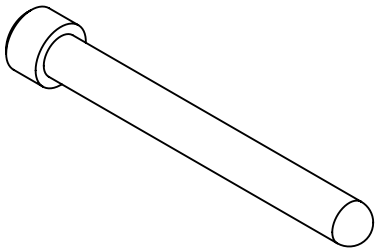
NOTES CONTINUED:

⟨5⟩ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

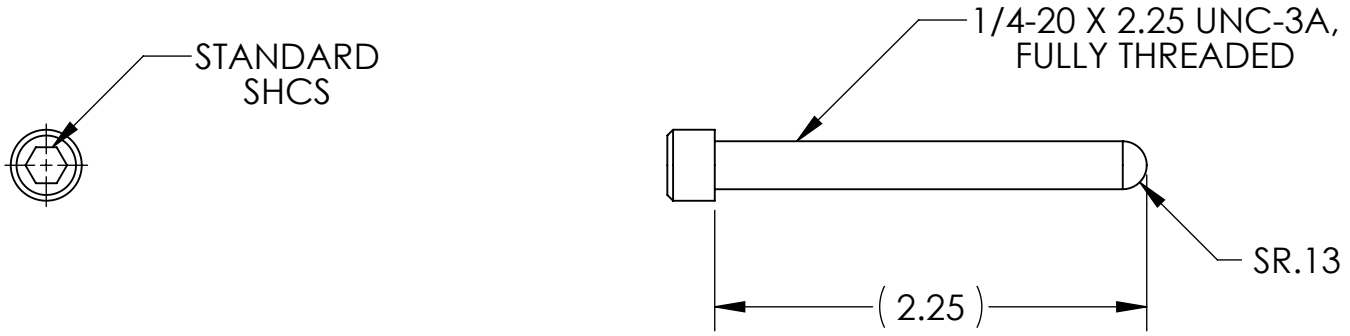
6. APPROXIMATE WEIGHT = 0.037 LB.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

⟨9⟩ PART IS TO BE MADE FROM STOCK SOCKET HEAD CAP SCREW, 1/4-20 UNC-3A, FULLY THREADED.

REV.	DATE	DCN #	DRAWING TREE #
A	01 JUL 2004	E040303-00	E030507-A
B	30 MAY 2008	E080195-00-D	E030507-A
v1	17 MAR 2011	E1100256	E030507-A



ISOMETRIC 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, R.02 MIN.
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 300 SSTL ⟨9⟩

FINISH N/A µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO

SUB-SYSTEM

NEXT ASSY MULTIPLE ASSYS

PART NAME SCREW, SOCKET HEAD CAP, 1/4-20 UNC-3A X 2.25" LONG,FULLY THREADED, ROUNDED END

DESIGNER		
DRAFTER	B. MOORE	17 MAR 2010
CHECKER	M. MEYER	17 MAR 2010
APPROVAL		

SIZE A **DWG. NO.** D030022 **REV.** v1

SCALE: 1:1 **PROJECTION:** SHEET 1 OF 1

D030022_aLIGO_Rounded_End_SHCS_0.25-20_X_2.25_Long, PART PDM REV: X-017, DRAWING PDM REV: