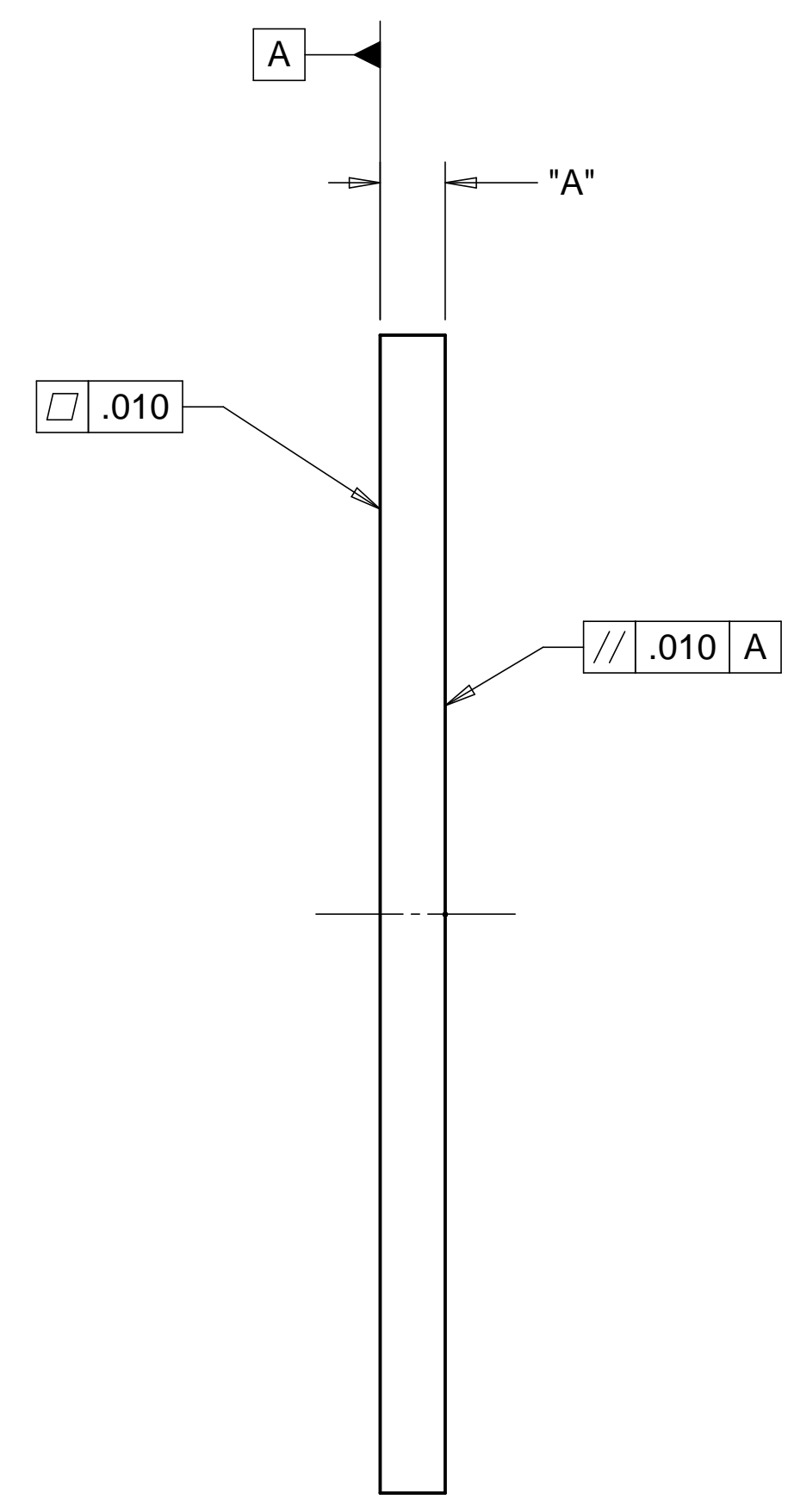
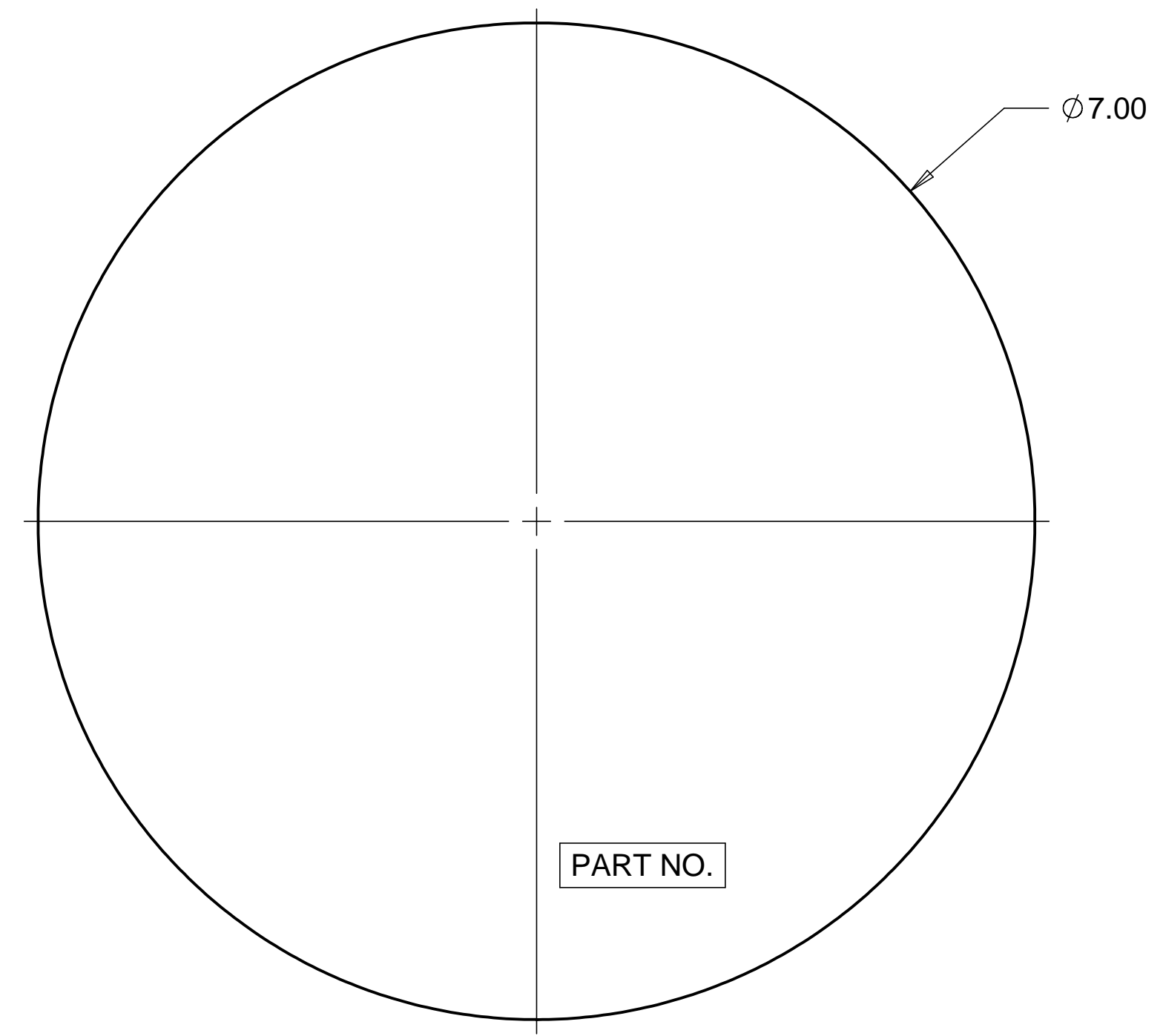


8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	SEE ECN# D972216-A FOR CHANGE LIST	11-03-97	T. THOMPSON



PART NO.	DESCRIPTION	"A"	WEIGHT
D972216-1	SHIM, NOMINAL	0.400	1.5 lbs.
D972216-3	SHIM, 1/8 UNDER NOMINAL	0.275	1.0 lbs.
D972216-5	SHIM, 1/8 OVER NOMINAL	0.525	2.0 lbs.

MATL: ALUM. 6061-T651

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS IN INCHES
- DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
- SURFACE TEXTURE PER ANSI/ASME B 46.1-1985
- REMOVE ALL BURRS AND BREAK SHARP EDGES TO A MAXIMUM OF .015
- ALL INSIDE CORNERS TO BE .015 RADIUS MAX
- COUNTERSINK 82 DEGREES ALL TAPPED HOLES TO MAJOR DIAMETER
- COUNTERSINK 82 DEGREES APPROXIMATELY .015 DEEP ALL DRILLED HOLES
- PARTS TO BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, DIRT AND CHIPS
- PART NUMBER (DRAWING NO. PLUS DASH NO.) TO BE CLEARLY MARKED EITHER ON THE PART ITSELF, OR ON A TAG ATTACHED TO THE PART OR PACKAGE
- ALL FABRICATION, CLEANING, AND HANDLING MAINTAINED TO HYTEC SPECIFICATION: LIGO-TS-03 CATEGORY 1.
- NO SULFUR BASED CUTTING FLUIDS ALLOWED. APPROVED MACHINE LUBRICANT: ALUMICUT, MISTIC METAL MOVER, PRINCETON, IL.

PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES- DECIMALS ANGULAR = +/- .30' .XX = +/- .03 SURFACE FINISH = 250 .XXX = +/- .010	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		HYTEC, INC TITLE LIGO ISOLATION STACK SHIM
ALL MACHINED SURFACES 32 RMS	DESIGNED	ROGER L. SMITH	5-28-97
PART NO. D972216-1	DRAWN	ROGER L. SMITH	5-28-97
	CHECKED	HARRY SALAZAR	6-6-97
	ENGR.	T. THOMPSON	7-10-97
	APPROVED	T. THOMPSON	7-10-97
	DWG. NO.	D972216	SIZE SHEET NO. D 1 of 1
	SCALE	1/1	REVISION A

8 7 6 5 4 3 2 1