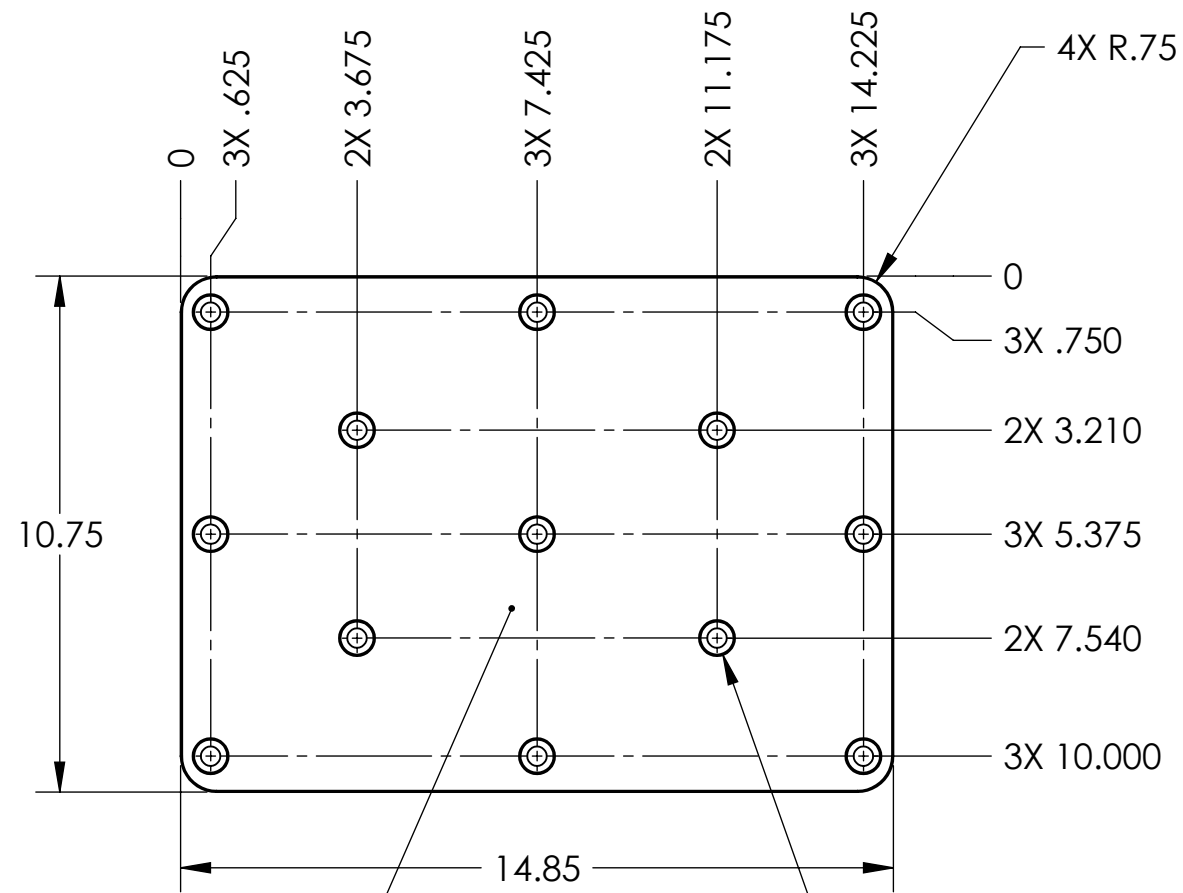


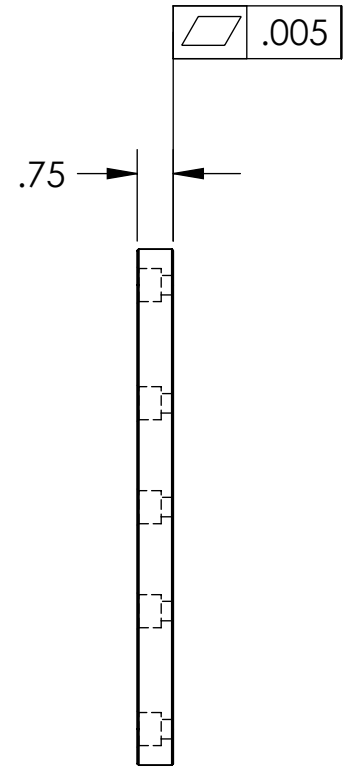
D0901842_Cover_1-BSC_Optical_Table, PART PDM REV: X-008, DRAWING PDM REV: X-007

REV.	DATE	DCN #	DRAWING TREE #
v1	12 Mar. 2010	E1000020	E1000025

- NOTES CONTINUED:
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07 HIGH CHARACTERS. EXAMPLE DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.
 6. APPROXIMATE WEIGHT = 11.4 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.



- 13X ϕ .406 THRU ALL
 \square ϕ .688 ∇ .50
 \checkmark ϕ .75 X 90°, NEAR SIDE
 \checkmark ϕ .46 X 90°, FAR SIDE



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. BREAK ALL EDGES AND CORNERS .03 X 45°. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM ADVANCED LIGO		SUB-SYSTEM SEI	
TOLERANCES: .XX ± .015 .XXX ± .005		MATERIAL 6061-T6 Al		NEXT ASSY D0901181		DESIGNER A.STEIN 11 Jan. 2010	
ANGULAR ± 0.5°		FINISH 63 μ inch		SCALE: 1:4		PROJECTION:	
COVER 1, OPTICAL TABLE, aLIGO BSC ISI				DWG. NO. D0901842		REV. v1	
SHEET 1 OF 1				PROJECTOR:		SHEET 1 OF 1	