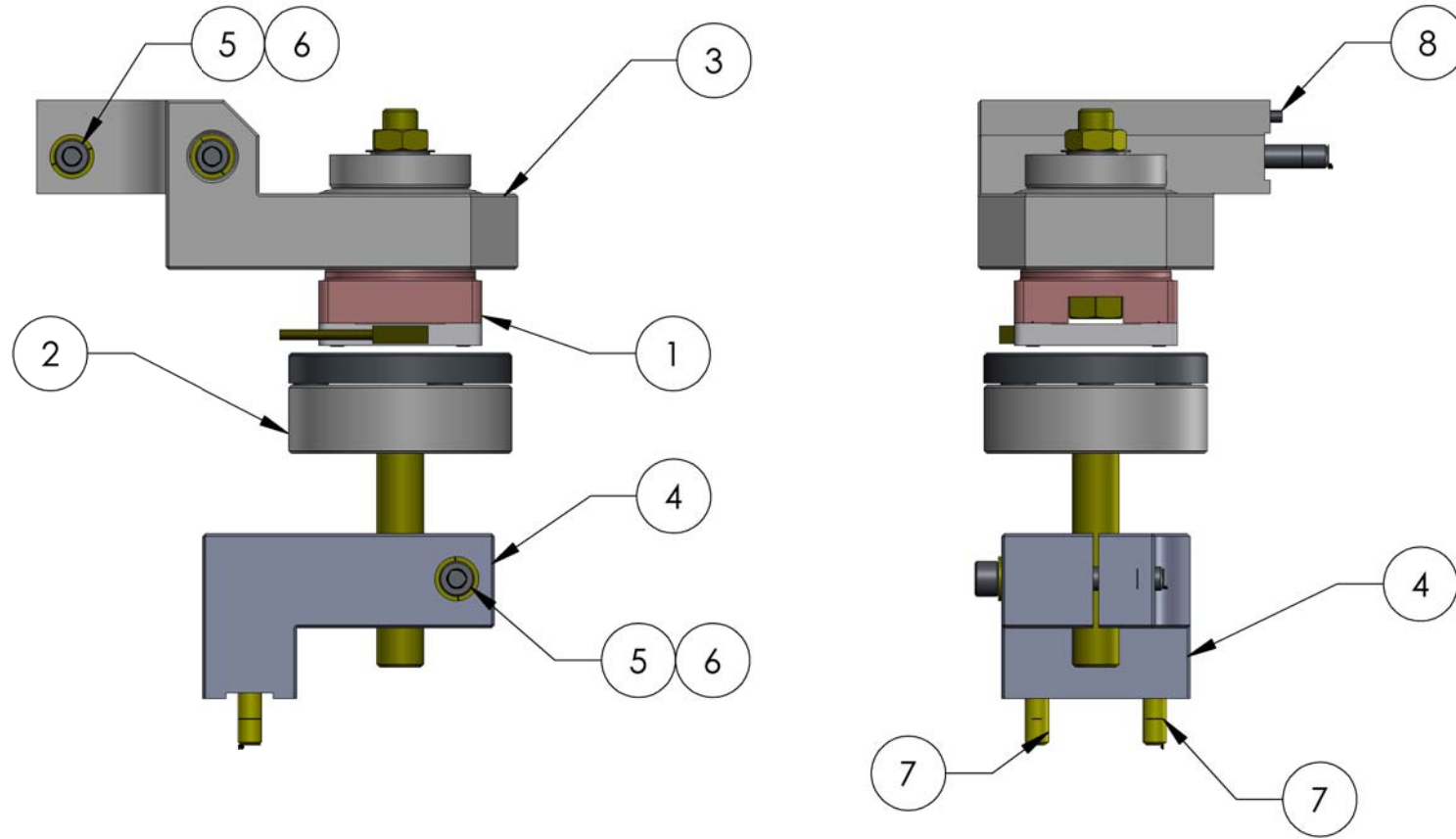


D0902529 Stage 1-2 Horizontal Position Sensor Assm, PART PDM REV: X-030, DRAWING PDM REV: X-002

NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. ELECTRONIC COMPONENTS IN MODELS AND BOMS ARE FOR LAYOUT AND ASSEMBLY PURPOSES ONLY AND NOT TO BE USED FOR PURCHASING.
 7. ASSEMBLY PROCEDURES: E0900357 AND E1000096.

REV.	DATE	DCN #	DRAWING TREE #
v1	01 Mar. 2010	E1000049	E1000025



8	McMASTER_90145A481	DOWEL PIN .125 DIA X .43 LG.	18-8 SSTL	2
7	HOLOKROME_78070	Screw shcs 1/4-20 UNC-3A X 2" lg.	300 SSTL	2
6	UC_COMPONENTS_WFV-25	Vented Washer, .255 ID X .468 OD X .032 THK #1/4	18-8 SSTL	3
5	Holokrome_78068	SHCS 1/4-20 x 1.75 lg 1" of thread length	18-8 SS	3
4	D0902252	STAGE 1-2 HORIZONTAL SENSOR TARGET MOUNT	6061-T6 Al	1
3	D0902250	STAGE 1-2, HORIZONTAL DISPLACEMENT SENSOR MOUNT	6061-T6 Al	1
2	D1000468	POSITION SENSOR TARGET ASSEMBLY, aLIGO BSC ISI	SEE BOM	1
1	D1000467	POSITION SENSOR ASSEMBLY, aLIGO BSC ISI	SEE BOM	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

DIMENSIONS ARE IN N/A		TOLERANCES: .XX ± N/A .XXX ± N/A		ANGULAR ± N/A*		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) 1. INTERPRET DRAWING PER ASME Y14.5-1994, 2. BREAK ALL CORNERS AND EDGES .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.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME STAGE 1-2 HORIZONTAL POSITION SENSOR ASSM	
MATERIAL		FINISH		NEXT ASSY		SYSTEM		SUB-SYSTEM		DESIGNER	
N/A		N/A μinch		D0901182		ADVANCED LIGO		SEI		S.BARNUM 01 Mar. 2010	
										DRAFTER	
										M.HILLARD 01 Mar. 2010	
										CHECKER	
										F.MATICHARD 01 Mar. 2010	
										APPROVAL	
										K.MASON 01 Mar. 2010	
										SIZE DWG. NO.	
										B D0902529	
										REV.	
										v1	
										SCALE: 1:2 PROJECTION: SHEET 1 OF 1	