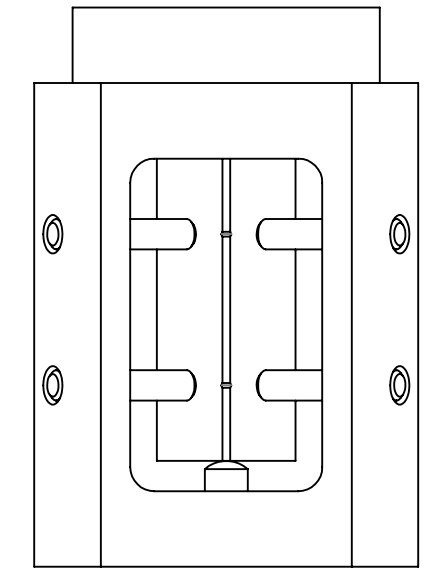
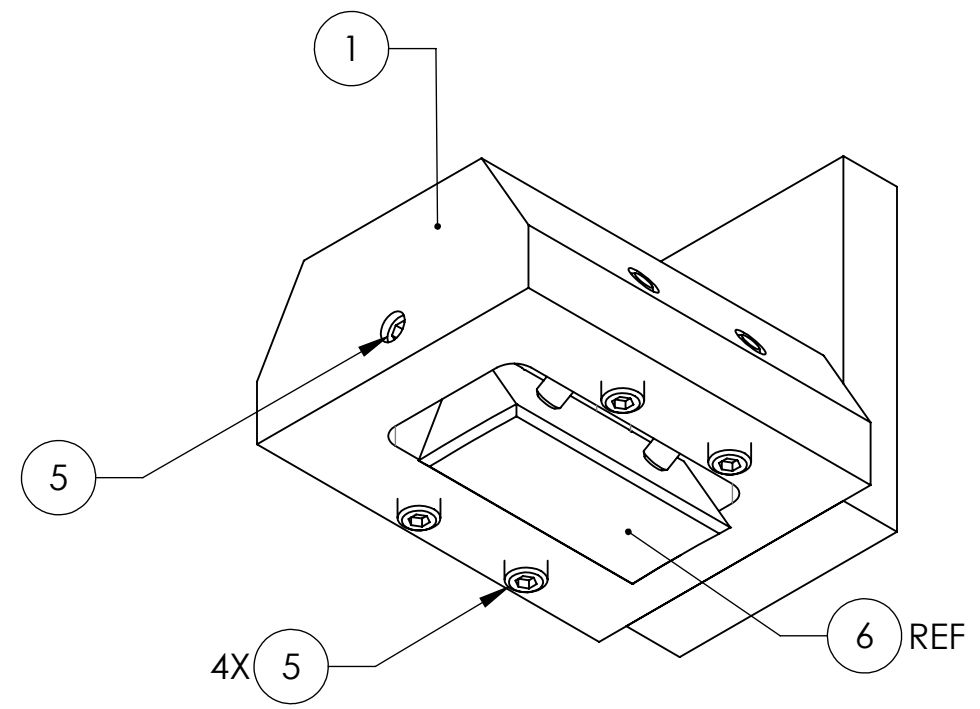
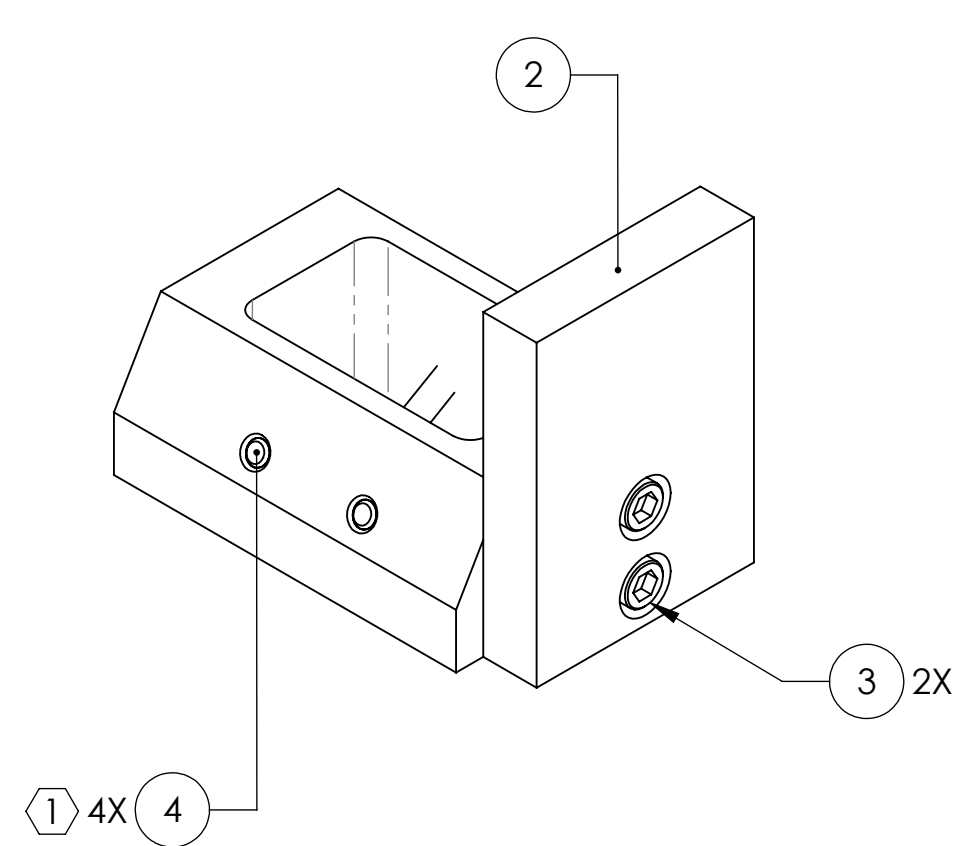


D0902663_Advanced_LIGO_SUS_HLTS_Sapphire_Prism_Holder_Assembly, PART PDM REV: V2-001, DRAWING PDM REV: V2

REV.	DATE	DCN #	DRAWING TREE #
v1	22 OCT 2009	E0900369	E080191
v2	02 SEP 2011	E1100826	E080191
v3	27 APR 2012	E1200426	E080191

D
C
B
A



TOP VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
6	D070441	PRISM BREAKOFF WIRE LOOP	SAPPHIRE	REF	0	0
5	-	SCREW, SOCKET SET, #4-40 UNC-2A X 0.25 LONG, OVAL POINT	300 SSTL	5	2	7
4	91585A018	DOWEL PIN, ϕ 2 mm X 10 mm LONG (MCMASTER CARR P/N)	300 SSTL	4	1	5
3	-	SCREW, SOCKET HEAD CAP, #2-56 UNC-2A X 0.25 LONG	300 SSTL	2	1	3
2	D0902722	SAPPHIRE PRISM HOLDER EXTENSION	6061-T6 Al	1	0	1
1	D0902664	SAPPHIRE PRISM HOLDER	6061-T6 Al	1	1	2

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

① DOWEL PINS MUST BE MEASURED TO ENSURE THAT ALL FOUR ARE THE SAME LENGTH.

MATERIAL N/A FINISH N/A μ inch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO SUB-SYSTEM SUS

NEXT ASSY SAPPHIRE PRISM BONDING JIG, HLTS

PART NAME SAPPHIRE PRISM HOLDER ASSY

DESIGNER	D. BRIDGES	30 APR 2012	SIZE	DWG. NO.	REV.
DRAFTER	D. BRIDGES	30 APR 2012	B	D0902663	v3
CHECKER	B. MOORE	30 APR 2012	SCALE	2:1	PROJECTION:
APPROVAL					SHEET 1 OF 1

8 7 6 5 4 3 2 1