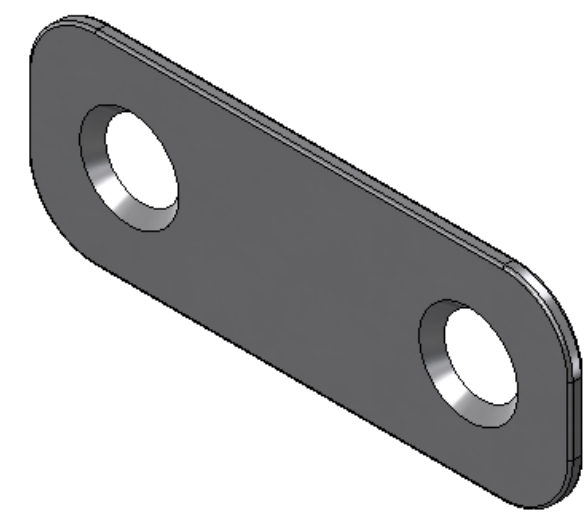
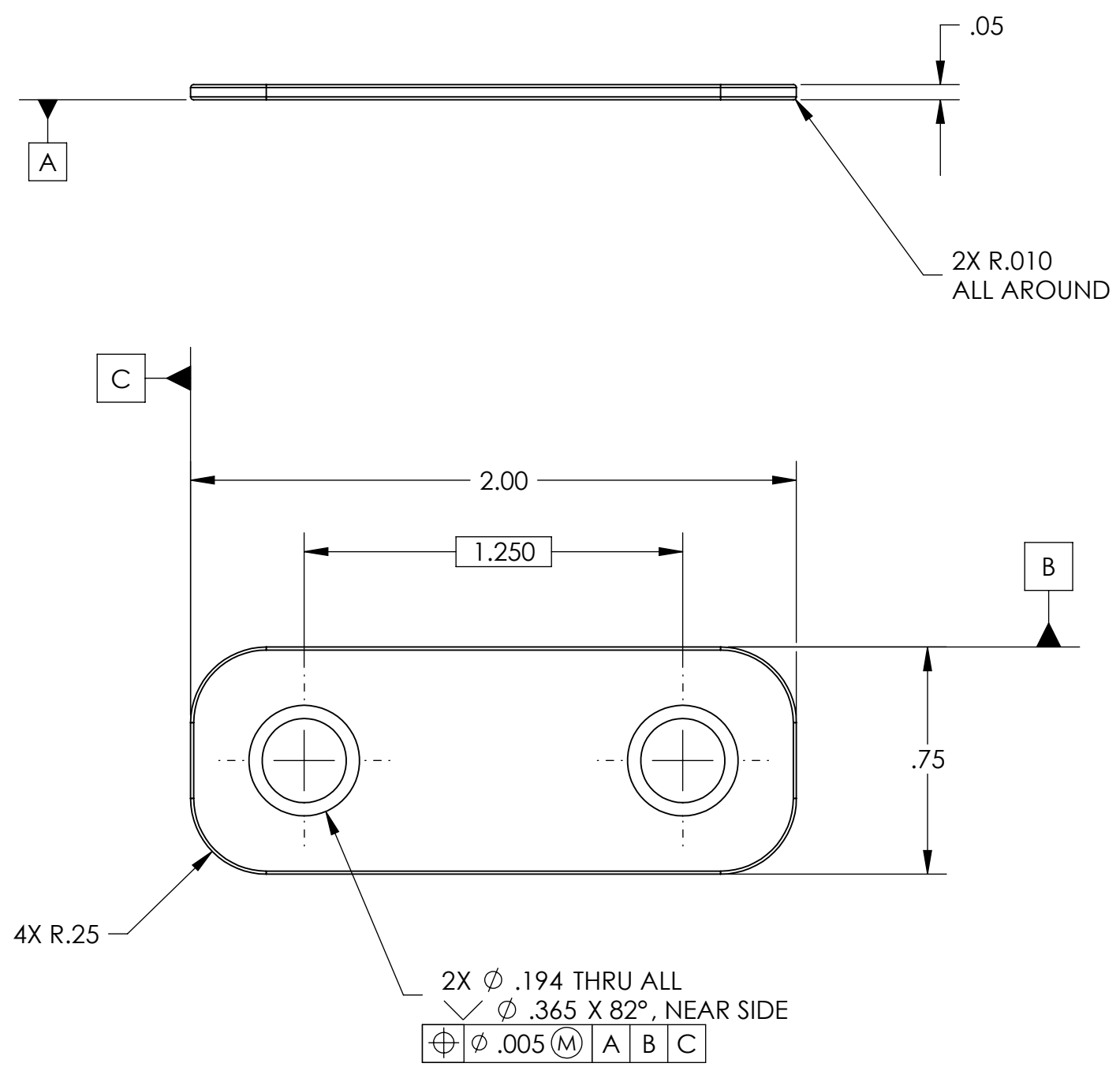


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / B	18 Jul 2007	1069	B. Schiffner	Release for Enhanced LIGO.
V2	17 Apr 2009		A. Stein	Release for Advanced LIGO. Increased c'sink diameter.



MANUFACTURING NOTES:

- 1) MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. ABRASIVE REMOVAL TECHNIQUES (OTHER THAN DRESSED BLANCHARD GRINDING) ARE NOT ACCEPTABLE.
- 2) ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE, AND SILICONE, SUCH AS CINCINNATI MILACRON CIMTECH 410.
- 3) THOROUGHLY CLEAN PART TO REMOVE ALL OIL, GREASE, DIRT, AND CHIPS.

POST-MANUFACTURING NOTES:

- P1) CLEAN TO LIGO STANDARDS, CLASS A (PER E0900047 AND E960022).

APPROVALS		DATE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005 ANG TOL: ± 1° SURFACE ROUGHNESS: 63	ORIGINAL DESIGN BY:		High Precision Devices 1668 Valtec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com	MODIFIED BY:
B. Schiffner C. Danaher		7/18/2007 7/18/2007		REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.			LIGO
MATERIAL: 6061-T6 Al FINISH: None MASS: 0.006 lbs			THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:		DESCRIPTION: GS-13 Cable Restraint P/N: D071183 CONFIG: - CAD FILE NAME: D071183_GS-13_Cable_Restraint PROJECT: HAM ISI, Advanced LIGO		
			.010 A B C		SIZE B SCALE: 2:1 SHEET 1 OF 1	DRAWN BY: Bryan Schiffner (HPD) DATE PRINTED: 4/17/2009	REV V2