

(B)

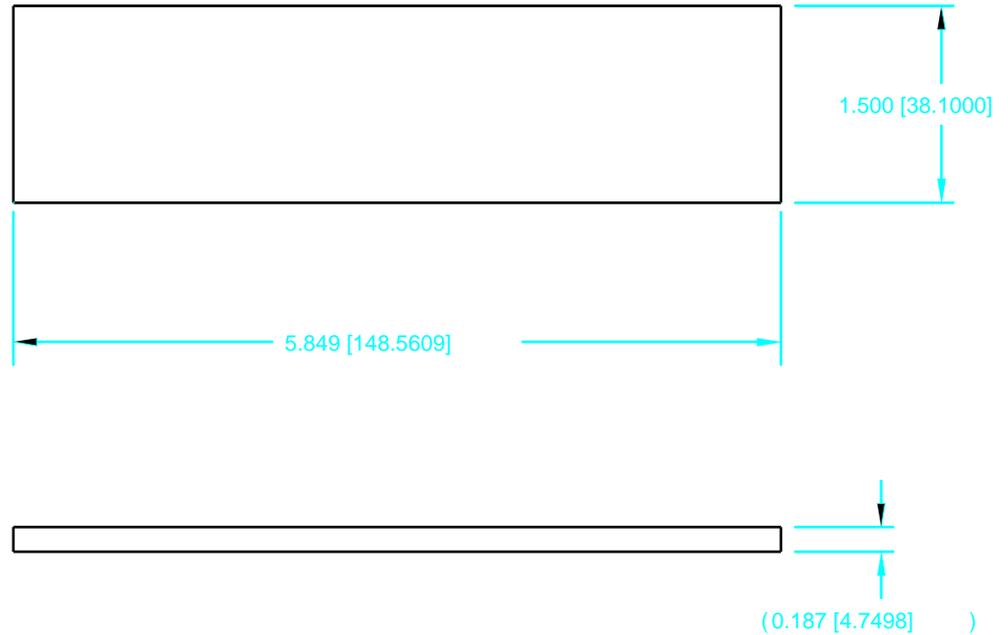
PLOT SCALE: 1=1

DWG. SCALE: 1

A07442

NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES <b>TOLERANCES</b> DECIMALS      ANGULAR .X      -      .03      -      .25 .XX      -      .01 .XXX      -      .005  SURFACE ROUGHNESS      125 ✓  REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER <b>A07442</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DRAWN BY <b>MUSCIA</b>		DATE <b>8/3/92</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>2/3/93</b>
CHECKED BY		DESIGNER <b>MUSCIA</b>	GP LEADER <b>T. M. KUZAY</b>	DATE <b>2/3/93</b>
RESPONSIBLE ENGINEER <b>D. SHU</b>		2/3/93	PROJECT MGR.	APPROVED/RELEASED
MATERIAL <b>#7 GA.(.1874)            316 STAINLESS STEEL</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4102010103-210304-00</b>
SHEET <b>1 of 1</b>				

**ADVANCED PHOTON SOURCE**  
**P1 1 ST PHOTON SHUTTER**  
**SUPPORT STRUCTURE**  
**BOTTOM COVER PLATE**

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

DO NOT SCALE DRAWING