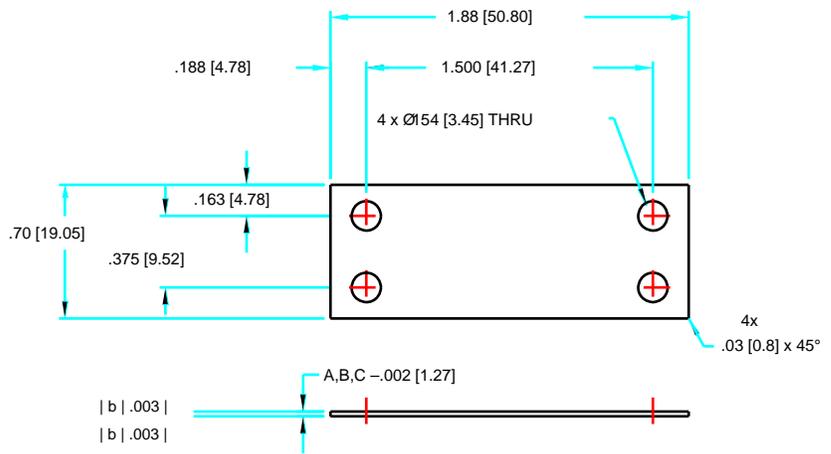


(B)	PLOT SCALE: 1=1	DWG. SCALE: 1	A2322901
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NOTES:

- THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
- WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
- 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 BLOWDOWN.
- KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
- DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY
- SURFACE ROUGHNESS  $\checkmark$  63

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
C		.030 THK SPRING PLATE		4
B		.020 THK SPRING PLATE		4
A		.015 THK SPRING PLATE		4

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A2322901</b>		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
TOLERANCES		DRAWN BY <b>J.GOGOL</b>		DATE <b>8/25/95</b>	
DECIMALS	ANGULAR	CHECKED BY <b>J.CHANG</b>		DATE <b>8/31/95</b>	
.X - .03	- .25	DESIGNER <b>J.GOGOL</b>		DATE <b>8/25/95</b>	
.XX - .01		RESPONSIBLE ENGINEER <b>J.CHANG</b>		DATE <b>8/31/95</b>	
.XXX - .005		MATERIAL <b>CARPENTER STEEL (39% NICKEL)</b>		SCALE <b>2:1</b>	
SURFACE ROUGHNESS $\checkmark$		CHIEF DESIGN ENGINEER <b>D.SHU</b>		DATE <b>8/31/95</b>	
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		GP LEADER <b>T.M.KUZAY</b>		DATE <b>8/31/95</b>	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		PROJECT MGR.		TITLE <b>ADVANCED PHOTON SOURCE X1-83 CRYSTAL HOLDER FOR 3-ID-A KOHZU SPRING PLATE</b>	
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		APPROVED/RELEASED		DRAWING NUMBER <b>P4105091103-830007-01</b>	
DO NOT SCALE DRAWING		SIZE <b>B</b>		SHEET <b>1 of 1</b>	

1	NOTE UPDATE;	J.G.	J.C.	11/16/95
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			