

(C)

PLOT SCALE: 1=1

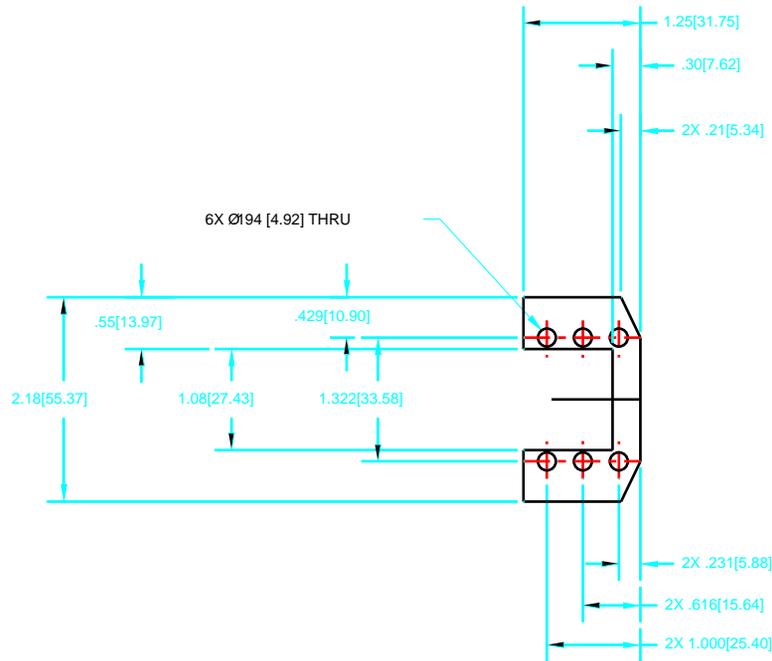
DWG. SCALE: 1

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NOTES:

1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
2. 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
3. THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A2572800</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
TOLERANCES		<b>ADVANCED PHOTON SOURCE</b>		
DECIMALS	ANGULAR	<b>B7-50 ID MASK WITH BM BPM INTERFACE PLATE</b>		
.X - .03 [0.762]	- .25			
.XX - .01 [0.254]		DRAWN BY <b>corcuera</b>	DATE <b>11/18/96</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>
.XXX - .005 [0.127]		CHECKED BY <b>J. CHANG</b>	DATE <b>2/18/97</b>	GP LEADER <b>T. KUZAY</b>
SURFACE ROUGHNESS 125 ✓		DESIGNER <b>CHANG/CORCUERA</b>	DATE <b>11/18/96</b>	PROJECT MGR.
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		RESPONSIBLE ENGINEER <b>J. CHANG</b>	DATE <b>2/18/97</b>	APPROVED/RELEASED
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		MATERIAL <b>SILVER FOIL .002 THICK</b>		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SCALE 1:1		
DO NOT SCALE DRAWING		SHEET 1 of 1		
		DRAWING NUMBER <b>P4105091407-500001-00</b>		

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