



- NOTES:
1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
 2. 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
 3. 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.
 4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 5. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
 6. SURFACE ROUGHNESS $\sqrt{63}$

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

ITEM	BYG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TO DECIMALS				
REC'D: [Signature]				
SURFACE FINISH: [Signature]				
SURFACE FINISH TO BE IN ACCORDANCE WITH LATEST ASST MFG SPECIFICATIONS & POLISHING IN ACCORDANCE WITH LATEST ASST MFG				
DO NOT SCALE DRAWING				
LOG NUMBER A2336000		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		TITLE ADVANCED PHOTON SOURCE
DRAFT BY J.GOGOL	DATE 9/14/98	CHIEF DESIGN ENGINEER	DATE	PROJECT MGR
CHECKED BY	OP LEADER	APPROVED/RELEASED	X1-84 2D CRYSTAL HOLDER FOR 3-ID-A KOHZU DOUBLE SPRING PLATE	
DESIGNER J.GOGOL		DATE 9/14/98		MATERIAL CARPENTER STL (39% NICKEL)
SCALE 2:1		SIZE C	DRAWING NUMBER P4105091103-840004-00	
SHEET 1 of 1				