



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. THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REFERENCE ONLY.
5. SURFACE ROUGHNESS 63

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 A2415100	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X - .03 - .25 .XX - .01 .XXX - .005		DRAWN BY R. KRAKORA CHECKED BY J.CHANG DESIGNER KRAKORA/CHANG RESPONSIBLE ENGINEER J.CHANG MATERIAL SST 304 20 GA. (.036)	DATE 5/5/96 6/18/96 5/5/96 6/18/96	CHIEF DESIGN ENGINEER D.SHU GP LEADER T.M.KUZAY PROJECT MGR. APPROVED/RELEASED SCALE 1:1 SHEET 1 of 1
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		TITLE ADVANCED PHOTON SOURCE Y3-30 MIRROR MOUNTS ASSEMBLY FOR SRICAT 2-BM-A 1200mm MIRROR ACTUATOR PLATE DRAWING NUMBER P4105091203-300004-00		
DO NOT SCALE DRAWING				