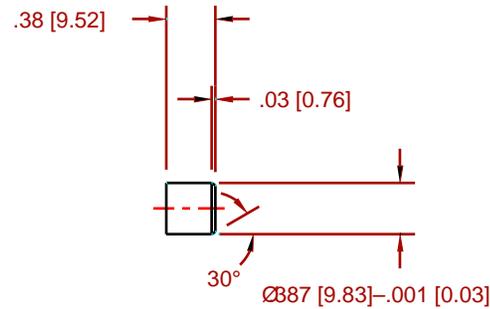


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A17197



NOTES:

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

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A17197	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X - .03 [.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127]		DRAWN BY MUSCIA CHECKED BY DESIGNER SHU/MUSCIA RESPONSIBLE ENGINEER MATERIAL OFHC COPPER	DATE 3/18/94 CHIEF DESIGN ENGINEER GP LEADER PROJECT MGR. APPROVED/RELEASED SCALE 1:1 SHEET 1 of 1	TITLE ADVANCED PHOTON SOURCE M1 APS I.D. FRONT END 1-ST FIXED MASK WATER INLET PLUG DRAWING NUMBER P4102010101-210012-00
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		DO NOT SCALE DRAWING		
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				