



- NOTES:
- THIS IS ULTRA HIGH VACUUM WELDMENT ASSEMBLY (UHV).
 - WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
 - CERTIFICATION OF ULTRASONIC TEST AND VACUUM EXAMINATION SHALL BE SIGNED BY A CONTRACTOR REPRESENTATIVE TO SIGN SUCH CERTIFICATION.
 - ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
5		COPPER MESH	COPPER	1
4		COPPER MESH	COPPER	3
3		TIE ROD #4-40	SST 18-8	1
2		BONNET	SS 304/COPPER	1
1		COOLING PIPE	COPPER	1

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS ANGLE
X .005 (0.125) - .25
XX .002 (0.050) - .004 (0.100)
XXX .001 (0.025) - .002 (0.050)

LOG NUMBER: L1240101-01

ARGONNE NATIONAL LABORATORY

ADVANCED PHOTON SOURCE
L1 ID U/W WHITE BEAM
HORIZONTAL AND VERTICAL SLITS
SLIT LEFT
COOLING PIPE ASSEMBLY

DESIGNER: V. TCHESKIDOV 5/94
RESPONSIBLE ENGINEER: V. TCHESKIDOV 5/94
PROJECT MGR: T. M. KUZAY
APPROVED/RELEASED:

SCALE: 1:1
SHEET: 1 of 1
D 1240101-01

REV	CHANGE DESCRIPTION	BY	CHKD	DATE
1	2.14was1.95, 3.94was3.776, 4.50 was 4.346	RF	CB	1/97