



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
2. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
3. FOR COMPLETE BRAZING SPECIFICATIONS, SEE ANL DOCUMENT #AMS 2664E.
4. DIMENSIONS IN BRACKETS [] ARE MILLIMETERS. AND FOR REFERENCE ONLY
5. * DIMENSIONS AFTER ASSEMBLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
3	DIM .542 WAS .552	RAF		4/95
2	TUNGSTEN WAS TANTALUM TA-222	RAF		4/95
1	ADDED NOTE & OFHC TO MAT'L	RAF		4/95

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES		ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR	TITLE		
.X - .015 [381]	.25	ADVANCED PHOTON SOURCE		
.XX - .010 [254]		L3 BENDING MAGNET WHITE BEAM		
.XXX - .005 [127]		HORIZONTAL AND VERTICAL SLITS		
SURFACE ROUGHNESS 125 ✓		COOLING PLATE ASSEMBLY		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DRAWING NUMBER		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		SCALE 1:1		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SHEET 1 of 1		
DO NOT SCALE DRAWING		DRAWING NUMBER P4105091503-200304-01		