

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
A	wingert	wingert	04-07-05	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED		
TOLERANCES	.X±.02	.XX±.02 .XXX±.005
	FRACTIONS:	± 1/64
	ANGLES:	± 0.5°/INCH
	MACH. SURFS.:	125✓ OR BETTER
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2		
BREAK EDGES .016 MAX. ON MACHINED WORK		
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE		

MAT 2:		NOTES:	
MAT 1: .0FHC COPPER		NOTES:	
PROJECT NAME:		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA	
UNIQUE NUMBER: AL-0013-1707		ALS - INSERTION DEVICE BEAMLINES	
DO NOT SCALE PRINT		BL 4.0.2 - MONOCHROMATOR	
SCALE: 1:1		GRATING MASK	
THIRD ANGLE PROJECTION		SHEET 1 OF 1	SIZE: B
		DWG NO: 26B708	REV A

- NOTES, UNLESS OTHERWISE SPECIFIED:
1. DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
 2. THIS IS AN ULTRA-HIGH VACUUM(UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 BEFORE PERFORMING ANY FABRICATION.
 3. PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE ESTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.

