

(B)

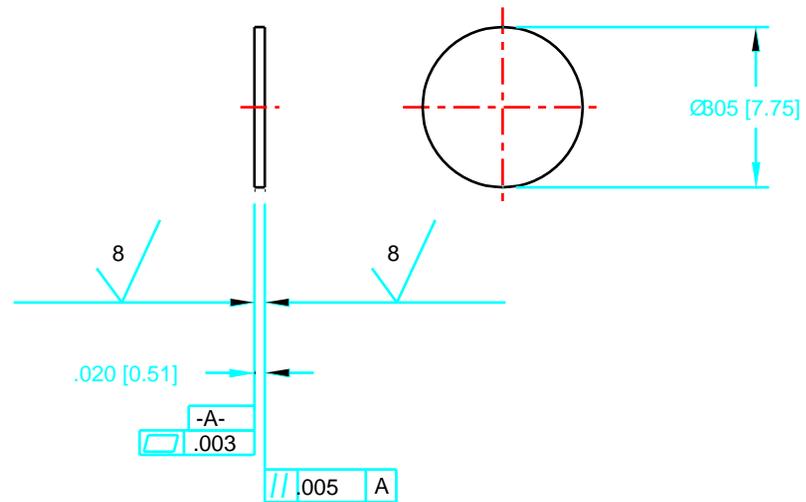
PLOT SCALE: 1=1

DWG. SCALE: 1

A2455900

NOTES:

1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
2. 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
3. ALL SURFACES MUST BE MACHINED FOR CLEAN UP
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. BREAK ALL SHARP CORNERS 0.03
8. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY



SCALE 4X

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2455900	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X - .03 [0.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127]		CHIEF DESIGN ENGINEER D. SHU 5/23/96	TITLE ADVANCED PHOTON SOURCE	
SURFACE ROUGHNESS 125 ✓		CHECKED BY D. SHU 5/23/96	GP LEADER T.M. KUZAY 5/23/96	W1-81 I.D. FRONT END 2.6mm Be WINDOW
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DESIGNER SHU/MUSCIA 5/7/96	PROJECT MGR.	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		RESPONSIBLE ENGINEER D. SHU 5/23/96	APPROVED/RELEASED	
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		MATERIAL BERYLLIUM	SCALE 1:1	SIZE B
DO NOT SCALE DRAWING		DRAWING NUMBER P4105090801-810003-00		SHEET 1 of 1

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				