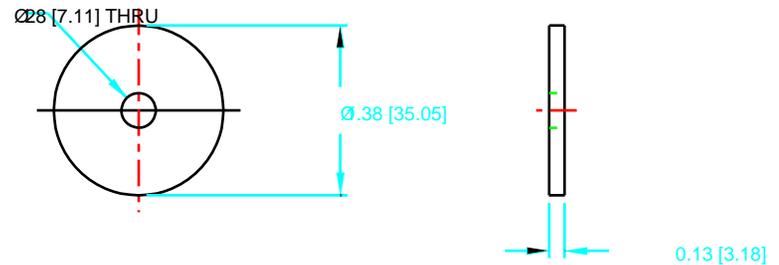


NOTES:

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



SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X - .1 [2.5] - 0°30' .XX - .01 [0.25] .XXX - .005 [0.13] 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		LOG NUMBER V3320011-00	THIS DRAWING IS THE PROPERTY OF  ARGONNE NATIONAL LABORATORY	
DRAWN BY MUSCIA	DATE 6/28/00	CHIEF DESIGN ENGINEER D. SHU	DATE 7/27/00	TITLE ADVANCED PHOTON SOURCE V3-32 PHASE RETARDER FOR 4-ID-B HOLD DOWN WASHER
CHECKED BY J. CHANG/J. LANG	DATE 7/27/00	GP LEADER P. DEN HARTOG	DATE 8/10/00	
DESIGNER CHANG/MUSCIA	DATE 6/28/00	PROJECT MGR. G. SRAGER	DATE	
RESPONSIBLE ENGINEER J. CHANG	DATE 7/27/00	APPROVED/RELEASED	DATE	
MATERIAL 304 STAINLESS STEEL		SCALE 1:1		
		SHEET 14		DRAWING NUMBER B V3-320011-00