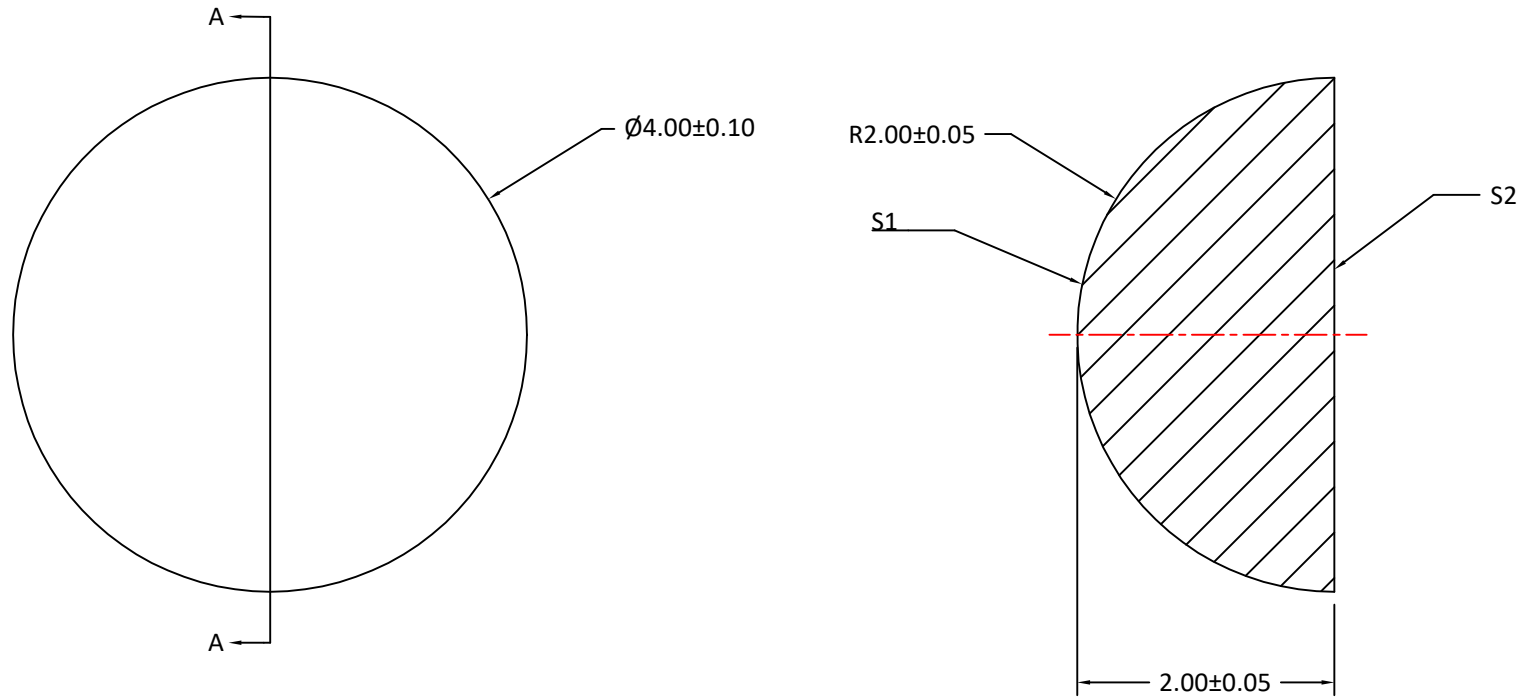



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
2.00	±0.05	-	-	-	4.00	+0/-0.10	Silicon		2.00	±0.05
Plano	-	-	-	-						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. MATERIAL: HRFZ-SILICON, RESISTANCE > 10kΩ*cm
3. S1: HYPER-HEMISPHERICAL, POLISHED
4. S2: FLAT, POLISHED
5. CLEAR APERTURE: ≥90% OF DIAMETER
6. SURFACE QUALITY: 60-40 SCRATCH-DIG
7. THICKNESS TOLERANCE: 0.05mm
8. SURFACE ACCURACY: ±0.01mm DEVIATION FROM IDEAL SPHERE AND PLANE

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN mm		DRAWN	2024.05.12		
TOLERANCES:		CHECK		TITLE: 4.00 DIAMETER, 2.00 THICKNESS TERAHERTZ SILICON HEMISPHERICAL BALL LENS	
FRACTIONAL ±		ENG APPR.			
ANGULAR: ±3 ARC MIN		MFG APPR.			
TWO PLACE DECIMAL: ±0.10		QA			
THREE PLACE DECIMAL: ±0.05		COMMENTS		SIZE DWG.NO.	
INTERPRET GEOMETRIC TOLERANCING PER:				A CLZ-HEM-04-200	
MATERIAL SILICON				REV 0	
FINISH					
DO NOT SCALE DRAWING		PROJECT NO.		SCALE:	WEIGHT:
				SHEET 1 OF 1	