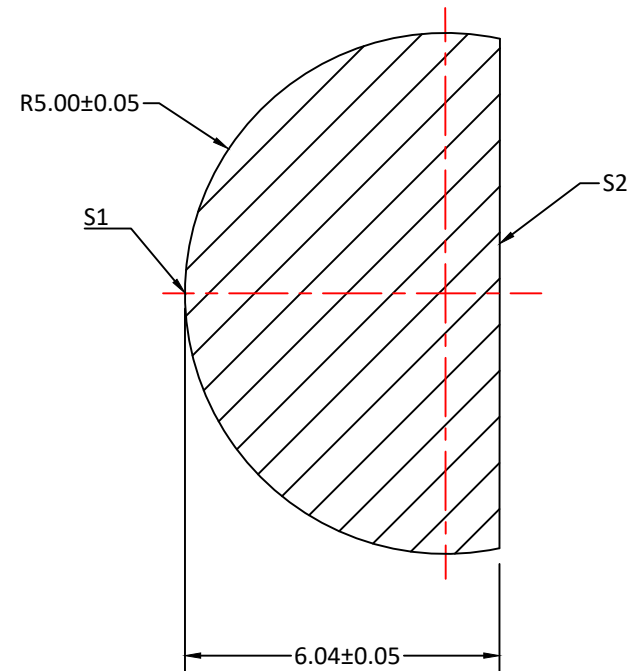
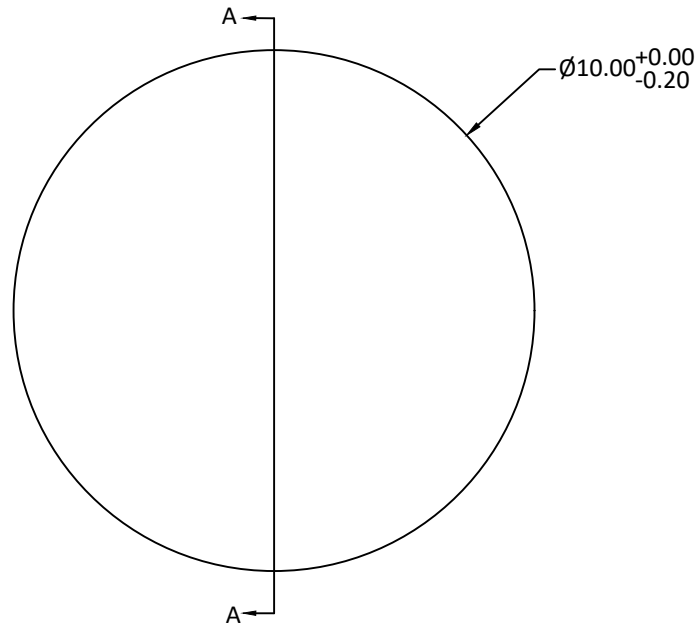


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
5.00	±0.05	-	-	-	10.00	+0/-0.20	Silicon		6.04	±0.05
Plano	-	-	-	-						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. MATERIAL: HRFZ-SILICON, RESISTANCE $> 10\text{k}\Omega \cdot \text{cm}$
3. S1: HYPER-HEMISPHERICAL, POLISHED
4. S2: FLAT, POLISHED
5. CLEAR APERTURE: $\geq 90\%$ OF DIAMETER
6. SURFACE QUALITY: 60-40 SCRATCH-DIG
7. THICKNESS TOLERANCE: 0.05mm
8. SURFACE ACCURACY: $\pm 0.01\text{mm}$ DEVIATION FROM IDEAL SPHERE AND PLANE

UNLESS OTHERWISE SPECIFIED:			NAME	DATE	 OPTICAL MANUFACTURER FROM CHINA		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05	DRAWN	Ann Chen	08.08.25	TITLE: 10.00 DIAMETER, 6.04 THICKNESS TERAHERTZ SILICON HYPER BALL LENS			
	CHECK						
	ENG APPR.						
	MFG APPR.						
INTERPRET GEOMETRIC TOLERANCING PER:	QA						
MATERIAL SILICON	COMMENTS			SIZE	DWG.NO.		REV
FINISH				A	CLZ-Hyper-10-604		0
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:		WEIGHT:	SHEET 1 OF 1