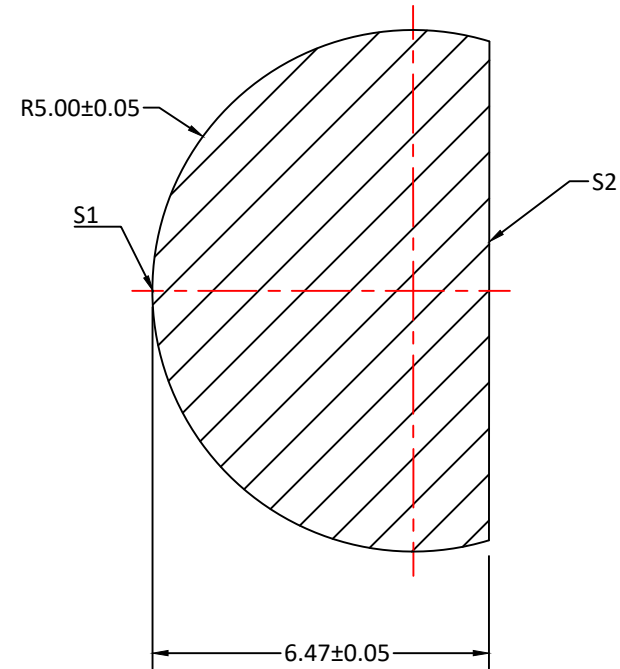
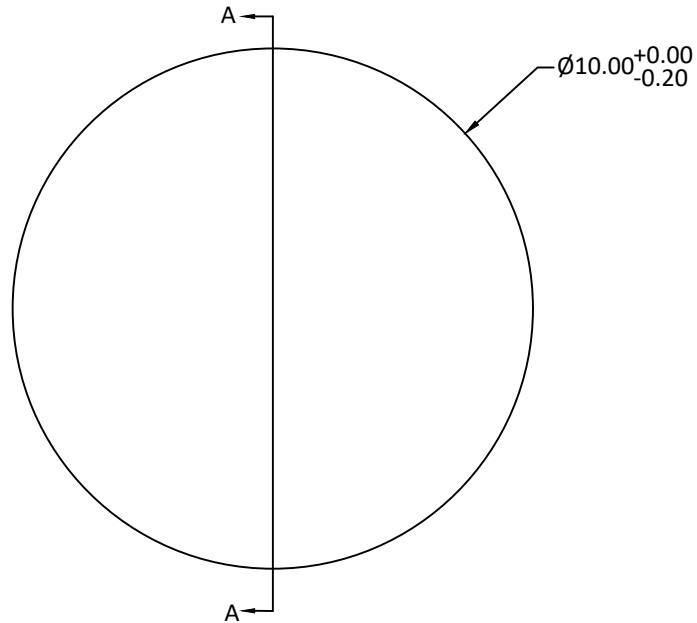


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
5.00	±0.05	-	-	-	10.00	+0/-0.20	Silicon		6.47	±0.05
Plano	-	-	-	-						



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	 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, 6.47 THICKNESS TERAHERTZ SILICON HYPER BALL LENS		
	CHECK					
	ENG APPR.					
	MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:	QA			SIZE DWG.NO. REV A CLZ-Hyper-10-647 0		
MATERIAL SILICON	COMMENTS					
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:	WEIGHT:	SHEET 1 OF 1