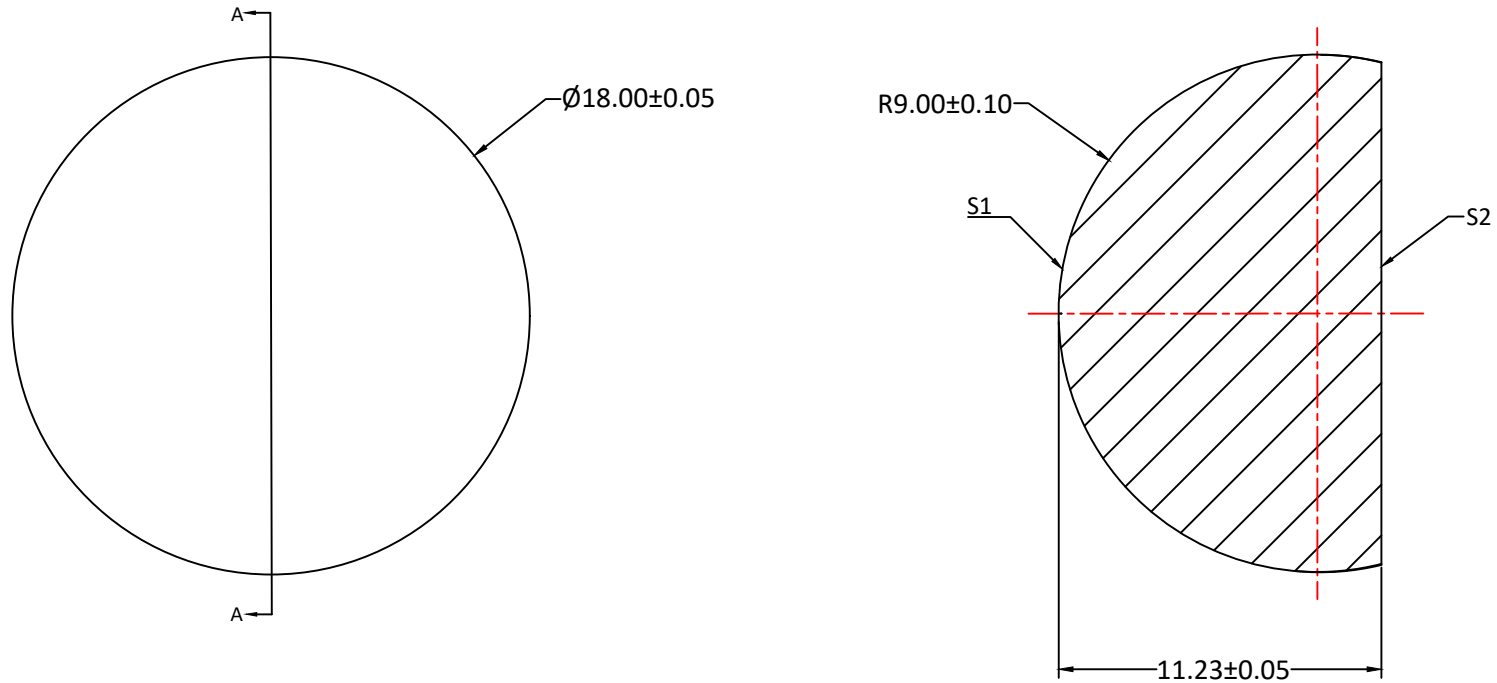


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
9.00	±0.10	-	-	-	18.00	±0.05	Silicon		11.23	±0.05
Plano	-	-	-	-						



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 TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05		DRAWN	Ann Chen	08.08.25	TITLE: 18.00 DIAMETER, 11.23 THICKNESS TERAHERTZ SILICON HYPER BALL LENS	
		CHECK				
		ENG APPR.				
		MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		QA			SIZE DWG.NO. REV A CLZ-Hyper-18-1123 0	
MATERIAL SILICON	COMMENTS					
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:	WEIGHT:	SHEET 1 OF 1