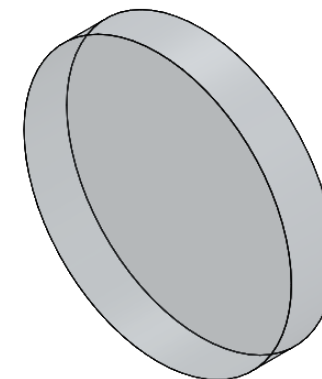
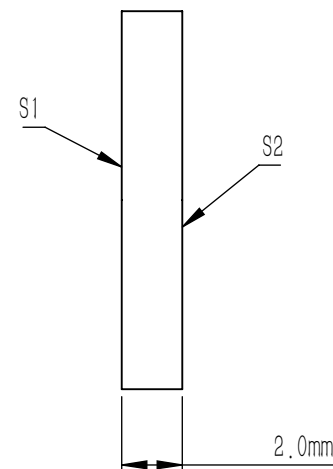
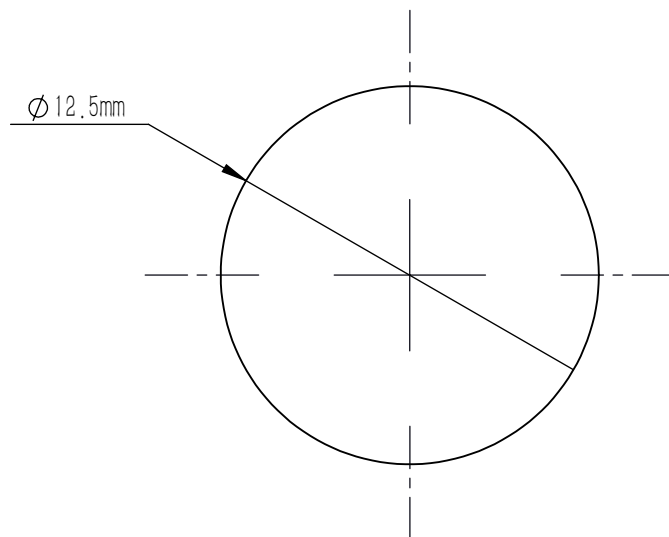




NOTES

1. DIAMETER TOLERANCE: $+0/-0.2\text{ mm}$
2. THICKNESS TOLERANCE: $\pm 0.2\text{ mm}$
3. OPERATION WAVELENGTH: $1250-1650\text{ nm}$
4. AR COATING (S1, S2): $R_{\text{abs}} < 0.2\% @ 1250-1650\text{ nm}$
5. TRANSMITTANCE: $> 91\% @ 1250-1650\text{ nm}$
6. EXTINCTION RATIO: $> 100000:1 @ 1250-1650\text{ nm}$
7. CLEAR APERTURE: $> 90\% \text{ CA}$
8. WAVEFRONT ERROR: $< \lambda/4 @ 633\text{ nm}, \phi 10\text{ mm}$
9. SURFACE QUALITY (S1, S2): $40/20(\text{S/D})$
10. BEAM DEVIATION: $< 1\text{ arcmin}$
11. ACCEPTANCE ANGLE: $\pm 20^\circ$
12. DAMAGE THRESHOLD:
 CONTINUOUS BLOCK: 1 W/cm^2
 CONTINUOUS PASS: 5 W/cm^2
13. OPERATING TEMPERATURE: $-20^\circ\text{ C TO } +120^\circ\text{ C}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	NFLP12-IR1300-AR			
DRAWN	LTAN	May./25th/26	NANOPARTICLE LINEAR POLARIZER $\phi 12.5\text{ mm} \times 2.0\text{ mm}, 1250\text{ nm}-1650\text{ nm}$			
APPROVAL	WCHENG	May./25th/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	0.60 g	4:1	A