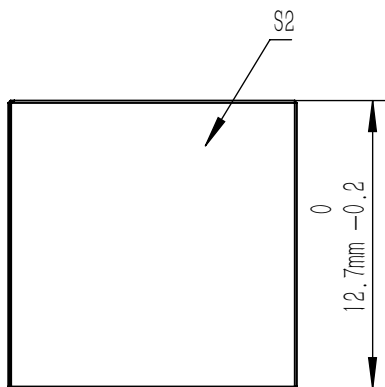


SCALE 2: 1

NOTES

1. MATERIAL: N-BK7
2. CLEAR APERTURE: >80%CA
3. AR COATING(S1, S2, S3, S4): $R_{avg} < 0.5\%$ @ 400 nm-700 nm (6° AOI, SINGLE SURFACE)
4. ANGLE TOLERANCE: $\pm 5'$
5. COATING(S5): SPLITTING COATING
 $T_{abs} = (62 \pm 10)\%$, $R_{abs} = (27 \pm 10)\%$;
 $|T_s - T_p| < 10\%$, $|R_s - R_p| < 10\%$;
 $T_{abs} + R_{abs} > 80\%$
6. GLUED(S5, S6): NOA61
7. SPLIT RATIO(R:T): 30:70
8. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
9. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
10. SURFACE QUALITY(S1, S2, S3, S4): 40/20(S/D)
11. WAVEFRONT ERROR(RMS): $\lambda/4$ @ 633 nm
12. SURFACE FLATNESS(S1, S2, S3, S4): $\lambda/6$ @ 633 nm
13. OTHER SURFACES: FINE GROUND
14. CHAMFER: 0.2 mm, 45°



DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	Aug. /12th/24	BEAM SPLITTER L=12.7 mm, R:T=30:70@400 nm-700 nm			
APPROVAL	WCHENG	Aug. /12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	5.1 g	3:1	A