



NOTES

1. MATERIAL: N-BK7
2. CHAMFER:  $45^\circ$ , 0.2-0.4 mm
3. DIAMETER TOLERANCE:  $\pm 0.1$  mm
4. ANGLE TOLERANCE:  $\pm 1$  arcmin
5. CLEAR APERTURE(S2, S3, S4, S5):  $>70\%$  OF FACE, LENGTH, AND WIDTH
6. SURFACE QUALITY(S2, S3, S4, S5): 40/20(S/D)
7. SURFACE FLATNESS(S2, S3, S4, S5):  $< \lambda / 10 @ 633$  nm
8. BEAM DEVIATION:  $90^\circ \pm 1$  arcmin
9. COATING(S2, S5): ALUMINIZED
10. COATING(S1, S2, S5): INCONEL AND BLACK PAINT OVERCOAT

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	PTP1-20-14 x 14			
DRAWN	LZHOU	Aug./12th/24	PENTA PRISMS L= 20.0 mm, AL: 450 nm - 20 μm			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	30.10 g	2:1	A