



注释:

1. MATERIAL: OXIDE GLASS
2. END FACE ANGLE: 8°
3. DESIGN WAVELENGTH: 1060 nm
4. CLEAR APERTURE: $>85\%$
5. DIAMETER TOLERANCE: $+0.00/-0.10$ mm
6. SURFACE QUALITY(S/D)(S1,S2): 40/20 (S/D)
7. COATING (S1,S2): $R_{avg} \leq 0.5\% @ 800 \text{ nm} - 1100 \text{ nm}$
8. CENTER LENGTH (Z): $Z=0.23 \text{ P}$
9. INDEX(n_0): $n_0=1.5910 @ 1550 \text{ nm}$
10. EFFECTIVE FOCAL LENGTH: 1.94 mm
11. OPERATING TEMPERATURE: $<350^\circ$

Due to the special material of the lens, the REF index gradient will be different due to the different materials of each batch.

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	JUL./29th/24	GRIN LENS $\phi=1.8 \text{ mm } Z=0.23 \text{ P } \lambda=1060 \text{ nm}$			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			OXIDE GLASS	0.03g	20:1	A