



注释:

1. MATERIAL: OXIDE GLASS
2. END FACE ANGLE:  $0^\circ$
3. DESIGN WAVELENGTH: 830 nm
4. CLEAR APERTURE:  $>85\%$
5. DIAMETER TOLERANCE:  $+0.00/-0.10\text{ mm}$
6. SURFACE QUALITY(S/D)(S1.S2): 40/20 (S/D)
7. COATING (S1S2):  $R_{\text{avg}} \leq 0.5\% @ 800\text{ nm}-1100\text{ nm}$
8. CENTER LENGTH (Z):  $Z=0.29\text{ P}$
9. INDEX( $n_0$ ) :  $n_0=1.6 \pm 0.1$
10. EFFECTIVE FOCAL LENGRH: 1.95 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			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	JUL./29th/24	GRIN LENS $\varnothing=1.8\text{ mm } Z=0.29\text{ P } \lambda=830\text{ nm}$			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			OXIDE GLASS	0.03g	10:1	A