



NOTES

1. OPERATION WAVELENGTH: 1.0–2.6  $\mu\text{m}$
2. OPTICAL DENSITY(OD):  $\text{OD}_{\text{abs}}=0.5 \pm 5\% @ 1550 \text{ nm}$   
 $\text{OD}_{\text{avg}}=0.5 \pm 5\% @ 1.0-2.6 \mu\text{m}$
3. CLEAR APERTURE:  $>90\% \text{CA}$
4. COATING(S1, S2): Uncoated
5. SURFACE QUALITY(S1, S2): 40/20(S/D)
6. SURFACE FLATNESS(S1, S2):  $\text{PV} < \lambda / 4 @ 632.8 \text{ nm}$
7. PARALLELISM(S1, S2):  $< 10 \text{ arcsec}$
8. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
NAME	DATE	NDFA10-05-NIR				
DRAWN	LTAN	JAN./4th/25	ABSORPTIVE ND FILTER $\text{Ø} 25.4\text{mm}, \text{OD}=0.5, \text{Uncoated}, 1.0-2.6 \mu\text{m}$			
APPROVAL	WCHENG	JAN./4th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	3.58 g	2:1	A