



NOTES

1. MATERIAL: UVFS
2. DIMENSIONAL TOLERANCES:  
 OUTER DIAMETER TOLERANCE: + 0.00/-0.25 mm  
 INNER DIAMETER TOLERANCE: + 0.25/-0.00 mm  
 THICKNESS TOLERANCE: ±0.25 mm
3. OPERATION WAVELENGTH: 650 nm-1050 nm
4. CLEAR APERTURE: 9.5 mm < COATING AREA < 22 mm
5. SURFACE FLATNESS: <math>\lambda @ 633 \text{ nm}</math>
6. SURFACE QUALITY: 60/40
7. PARALLELISM: <math>< 3 \text{ arcmin}</math>
8. COATING (S1, S2):  
 S1: NiCrFe  
 S2: BBAR 650-1050nm,  $R_{\text{avg}} < 0.5\%$ ,  $0^\circ \text{ AOI}$
9. COATING RADIAL ANGLE:  $270^\circ \pm 5^\circ$
10. OPTICAL DENSITY(OD): 0.02 (TYP)-6.0
11. TERMINAL DENSITY TOLERANCE: ±5%
12. LINEAR DENSITY TOLERANCE: ±5%
13. CHAMFER: <math>< 0.2 \text{ mm}</math>,  $45^\circ$

DRAWING PROJECTION			<b>LBTEK</b>			
		NAME	DATE	NDFR-25C-6-B		
DRAWN	LTAN	APR. /16th/25	CONTINUOUSLY VARIABLE ND FILTER $\phi 25.0 \text{ mm}, \text{OD}=0.02-6.0 @ 650 \text{ nm}-1050 \text{ nm}$			
APPROVAL	WCHENG	APR. /16th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.9 g	2:1	A