



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: 240 nm-1200 nm
4. CLEAR APERTURE: 9.5 mm < COATING AREA < 97 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): NiCrFe
9. COATING RADIAL ANGLE:  $270^\circ \pm 5^\circ$
10. OPTICAL DENSITY(OD): 0.04(UNCOATED)-6.0
11. OPTICAL DENSITY TOLERANCE:  $\pm 5\% @ OD > 0.4$ ;  
 $\pm 10\% @ OD < 0.4$ ;
12. LINEAR DENSITY TOLERANCE:  $\pm 5\%$
13. CHAMFER: <math>< 0.2 \text{ mm}, 45^\circ</math>

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	NDFR-100C-6			
DRAWN	LZHOU	JUL./26th/24	CONTINUOUSLY VARIABLE ND FILTER $\phi 100.0 \text{ mm}, OD=0.04-6.0 @ 240 \text{ nm}-1200 \text{ nm}$			
APPROVAL	WCHENG	JUL./26th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	16.17 g	2:1	A