



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: 350 nm-700 nm
4. CLEAR APERTURE: 9.5 mm < COATING AREA < 47 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 350-700nm,  $R_{avg} < 0.5\%$ ,  $0^\circ \text{ AOI}$
9. COATING RADIAL ANGLE:  $270^\circ \pm 5^\circ$
10. OPTICAL DENSITY (OD): 0.02 (TYP)-2.0
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-50C-2-A		
DRAWN	LTAN	APR./16th/25	CONTINUOUSLY VARIABLE ND FILTER $\phi 50.0 \text{ mm}$ , $OD=0.02-2.0 @ 350 \text{ nm}-700 \text{ nm}$			
APPROVAL	WCHENG	APR./16th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	8.9 g	1:1	A