



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: $\lambda @ 633 \text{ nm}$
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° AOI
9. COATING RADIAL ANGLE: $270^\circ \pm 5^\circ$
10. OPTICAL DENSITY(OD): 0.02 (TYP)-4.0
11. TERMINAL DENSITY TOLERANCE: ±5%
12. LINEAR DENSITY TOLERANCE: ±5%
13. CHAMFER: <math>< 0.2 \text{ mm}</math>, 45°

DRAWING PROJECTION			LBTEK			
		NAME	DATE	NDFR-50C-4-A		
DRAWN	LTAN	APR./16th/25	CONTINUOUSLY VARIABLE ND FILTER $\phi 50.0 \text{ mm}$, OD=0.02-4.0@350 nm-700 nm			
APPROVAL	WCHENG	APR./16th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	8.7 g	1:1	A