



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 < 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 650-1050nm, $R_{\text{avg}} < 0.5\%$, 0° 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°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	NDFR-50C-2-B			
DRAWN	LTAN	APR./16th/25	CONTINUOUSLY VARIABLE ND FILTER $\phi 50.0 \text{ mm}$, OD=0.02-2.0@650 nm-1050 nm			
APPROVAL	WCHENG	APR./16th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	8.8 g	1:1	A