



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: < λ @ 633 nm
6. SURFACE QUALITY: 60/40
7. PARALLELISM: < 3 arcmin
8. COATING (S1, S2):
 S1: NiCrFe
 S2: BBAR 650-1050nm, Ravg: < 0.5%, 0° AOI
9. COATING RADIAL ANGLE: 270° ± 5°
10. OPTICAL DENSITY (OD): 0.02 (TYP)-6.0
11. TERMINAL DENSITY TOLERANCE: ± 5%
12. LINEAR DENSITY TOLERANCE: ± 5%
13. CHAMFER: < 0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
		NAME	DATE	NDFR-50C-6-B		
DRAWN	LTAN	APR./16th/25	CONTINUOUSLY VARIABLE ND FILTER Ø 50.0 mm, OD=0.02-6.0@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