



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 < 47 mm
5. SURFACE FLATNESS: < λ @ 633 nm
6. SURFACE QUALITY: 60/40
7. PARALLELISM: < 3 arcmin
8. COATING (S1): NiCrFe
9. COATING RADIAL ANGLE: 270° ± 5°
10. OPTICAL DENSITY(OD): 0.04(UNCOATED)-6.0
11. OPTICAL DENSITY TOLERANCE: ±5% @ OD > 0.4;
 ±10% @ OD < 0.4;
12. LINEAR DENSITY TOLERANCE: ±5%
13. CHAMFER: < 0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	NDFR-50C-6			
DRAWN	LZHOU	JUL./26th/24	CONTINUOUSLY VARIABLE ND FILTER Ø 50.0 mm, OD=0.04-6.0@240 nm-1200 nm			
APPROVAL	WCHENG	JUL./26th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	3.85 g	2:1	A