



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: $9.5\text{ mm} < \text{COATING AREA} < 97\text{ mm}$
5. SURFACE FLATNESS: $< \lambda @ 633\text{ nm}$
6. SURFACE QUALITY: 60/40
7. PARALLELISM: $< 3\text{ arcmin}$
8. COATING (S1, S2):
 S1: NiCrFe
 S2: BBAR 350–700nm, $R_{\text{avg}}: < 0.5\%$, 0° AOI
9. COATING RADIAL ANGLE: $270^\circ \pm 5^\circ$
10. OPTICAL DENSITY (OD): 0.02 (TYP)–2.0
11. TERMINAL DENSITY TOLERANCE: $\pm 5\%$
12. LINEAR DENSITY TOLERANCE: $\pm 5\%$
13. CHAMFER: $< 0.2\text{ mm}$, 45°

DRAWING PROJECTION				LBTEK			
		NAME	DATE	NDFR-100C-2-A			
DRAWN	LTAN	APR. /17th/25	CONTINUOUSLY VARIABLE ND FILTER $\phi 100.0\text{ mm}, \text{OD}=0.02-2.0 @ 350\text{ nm}-700\text{ nm}$				
APPROVAL	WCHENG	APR. /17th/25	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	35 g	1:2	A	