



NOTES

1. COATING(S1): HIGH ENERGY LASER LINE COATING  
Rs, Rp > 99% @ 1550 nm, 45° AOI
2. CLEAR APERTURE(S1, S2): > 90% CA
3. SURFACE QUALITY(S1): 20/10(S/D)  
(S2): 60/40(S/D)
4. SURFACE FLATNESS(S1):  $\lambda/6 @ 633 \text{ nm}$
5. PARALLELISM(S1, S2): < 3 arcmin
6. CHAMFER: < 0.2 mm, 45°
7. THICKNESS TOLERANCE:  $\pm 0.25 \text{ mm}$
8. DIAMETER TOLERANCE:  $+0/-0.1 \text{ mm}$
9. OTHER SURFACES: FINE GROUND
10. DAMAGE THRESHOLD:  $30 \text{ J/cm}^2, 1550 \text{ nm}, 10 \text{ ns}, 20 \text{ Hz}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	LPM10-1550P-HP			
DRAWN	LZHOU	Aug./5th/24	HIGH ENERGY LASER LINE MIRROR $\text{Ø} 25.4 \text{ mm} \times 6.0 \text{ mm}, 1550 \text{ nm}$			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	6.7 g	2:1	A