



NOTES

1. COATING(S1): HIGH ENERGY LASER LINE COATING  
Rs, Rp > 99% @ 532 & 1064 nm, 0° - 45° AOI
2. CLEAR APERTURE(S1): > 85% CA
3. SURFACE QUALITY(S1): 40/20(S/D)
4. SURFACE FLATNESS(S1):  $\lambda/10$  @ 633 nm
5. PARALLELISM(S1, S2): < 3 arcmin
6. CHAMFER: < 0.2 mm, 45°
7. THICKNESS TOLERANCE:  $\pm 0.2$  mm
8. DIAMETER TOLERANCE:  $+0/-0.1$  mm
9. OTHER SURFACES: FINE GROUND
10. DAMAGE THRESHOLD: 8J/cm<sup>2</sup>, 532 nm, 10 ns, 20 Hz;  
30J/cm<sup>2</sup>, 1064 nm, 10 ns, 20 Hz;

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	LPM05-532-1064-HP			
DRAWN	LZHOU	Aug./5th/24	HIGH ENERGY LASER LINE MIRROR $\varnothing 25.4$ mm $\times$ 6.0 mm, 532 nm-1064 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.67 g	3:1	A