



NOTES

1. OPERATION WAVELENGTH: 450 nm-20.0  $\mu$ m
2. DIAMETER TOLERANCE: +0.0/-0.1 mm
3. THICKNESS TOLERANCE:  $\pm$ 0.1 mm
4. COATING(S1): AG  
 $R_{avg} > 96\% @ 480 \text{ nm} - 2000 \text{ nm}, 0^\circ - 45^\circ \text{ AOI}$   
 $R_{avg} > 97.5\% @ 2.0 \mu\text{m} - 20.0 \mu\text{m}, 0^\circ - 45^\circ \text{ AOI}$
5. CLEAR APERTURE(S1):  $> 90\% \text{ CA}$
6. SURFACE QUALITY(S1): 40/20(S/D)
7. SURFACE FLATNESS(S1):  $\lambda / 4 @ 633 \text{ nm}$
8. PARALLELISM(S1, S2):  $< 1 \text{ arcmin}$
9. CHAMFER:  $< 0.2 \text{ mm}, 45^\circ$
10. BACK SURFACE(S2): POLISH

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	PM20-T08-AG-SP			
DRAWN	SHAN	JAN./22th/25	METAL-COATED PLANO MIRROR			
APPROVAL	WCHENG	JAN./22th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			H-K9L	39.9 g	1:1	B