



NOTES

1. MATERIAL: 6061-T6 AL
2. PARABOLIC FOCAL LENGTH: 50.8 mm ± 1%
3. REFLECTION FOCAL LENGTH: 101.6 mm ± 1%
4. OFF-AXIS ANGLE: 90°
5. CLEAR APERTURE: >90%
6. REFLECTED WAVEFRONT DIFFERENCE: <math>\lambda/4@633\text{ nm}</math>
7. SURFACE QUALITY(PARABOLOID): 40/20(S/D)
8. SURFACE ROUGHNESS(PARABOLOID): 10 nm
9. COATING(PARABOLOID): WITH PROTECTED SILVER COATING  
 $R_{\text{avg}} > 97\% @ 450\text{ nm} - 2\text{ }\mu\text{m}$ ;  $R_{\text{avg}} > 96\% @ 2 - 20\text{ }\mu\text{m}$
10. OPTICAL FINISH(S1): METAL DEPOSITION DIAMOND TURNING ALUMINUM SURFACE
11. SURFACE TREATMENT(S2, S3): BLACK ANODIZED
12. CHAMFER:  $\leq 0.8\text{ mm}, 45^\circ$

DRAWING PROJECTION			<b>LBTEK</b>			
NAME	DATE					
			MPM10101-90-AG			
DRAWN	BSHU	Aug./12th/24	OFF-AXIS PARABOLIC MIRROR Ø 25.4 mm F=101.6 mm, AR COATING, AG			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			AL	24.9 g	1:1	C