



NOTES

1. MATERIAL: 6061-T6 AL
2. PARABOLIC FOCAL LENGTH: 7.50 mm ± 1%
3. REFLECTION FOCAL LENGTH: 15.0 mm ± 1%
4. OFF-AXIS ANGLE: 90°
5. CLEAR APERTURE: > 90%
6. REFLECTED WAVEFRONT DIFFERENCE: $< \lambda / 4 @ 633 \text{ nm}$
7. SURFACE QUALITY (PARABOLOID): 40/20 (S/D)
8. SURFACE ROUGHNESS (PARABOLOID): 10 nm
9. COATING (PARABOLOID): WITH PROTECTED GOLD COATING
Ravg > 96% @ 800 nm - 20 μm
10. OPTICAL FINISH (S1): METAL DEPOSITION DIAMOND TURNING ALUMINUM SURFACE
11. SURFACE TREATMENT (S2, S3): BLACK ANODIZED
12. CHAMFER: ≤ 0.8 mm, 45°

DRAWING PROJECTION			LBTEK			
NAME	DATE					
			MPM0515-90-AU			
DRAWN	BSHU	Aug./12th/24	OFF-AXIS PARABOLIC MIRROR Ø 12.7 mm F=15 mm, AR COATING, AU			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			AL	4.2 g	3:1	C