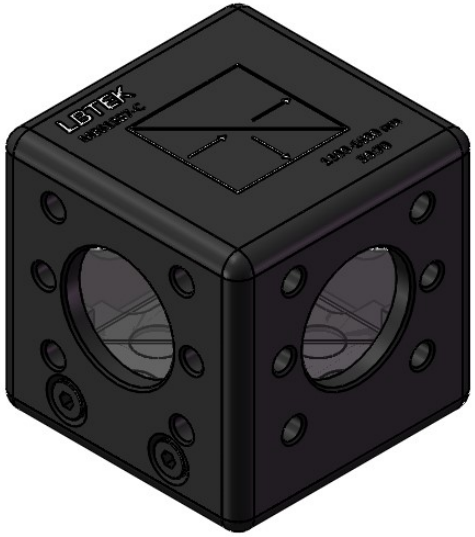
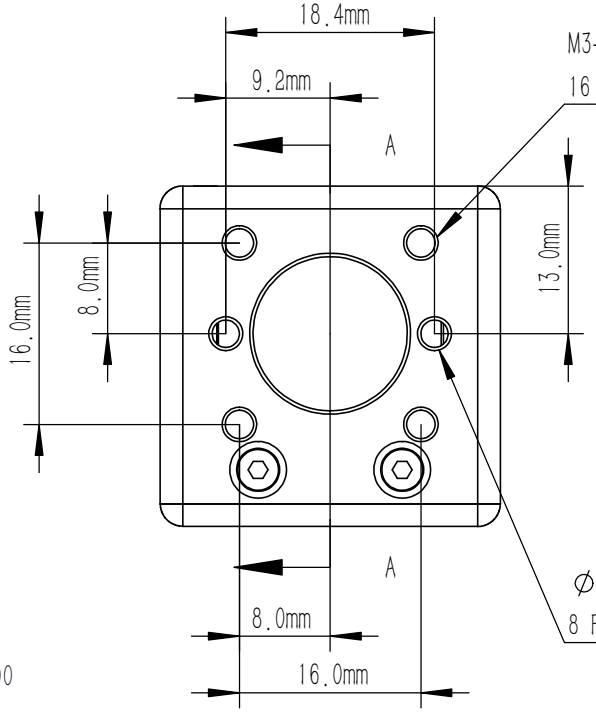
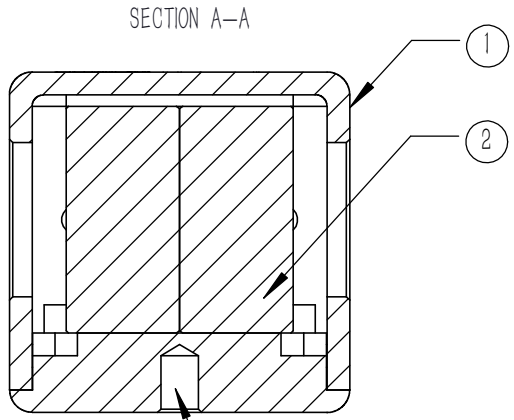
NUMBER	PART DESCRIPTION	MATERIAL
1	MECHANICAL HOUSING	BLACK ANODIZED ALUMINUM
2	BS1337-C	N-BK7



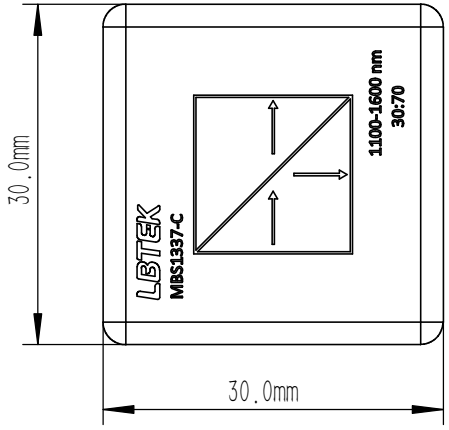




NOTES

BS1337-C:

1. CLEAR APERTURE: >80%CA
2. AR COATING (S1、S2、S3、S4) : Ravg<0.5% @1100 nm-1600 nm (6° AOI, SINGLE SURFACE)
3. ANGLE TOLERANCE: ±5′
4. COATING (S5) : SPLITTING COATING
   Tabs= (62 ± 10) %, Rabs= (27 ± 10) %;
   |Ts − Tp| < 10%, |Rs − Rp| < 10%; Tabs + Rabs > 80%
5. GLUED (S5、S6) : NOA61
6. SPLIT RATIO (R:T) : 30:70
7. TRANSMITTED BEAM DEVIATION: 0° ± 5 arcmin
8. REFLECTED BEAM DEVIATION: 90° ± 5 arcmin
9. SURFACE QUALITY (S1、S2、S3、S4) : 40/20 (S/D)
10. WAVEFRONT ERROR(RMS): λ/4@633 nm
11. SURFACE FLATNESS (S1、S2、S3、S4) : λ/6@633 nm
12. OTHER SURFACES: FINE GROUND
13. CHAMFER: 0.2 mm, 45°



DRAWING PROJECTION			LBTEK			
	NAME	DATE	MBS1337-C			
DRAWN	LZHOU	MAR./12th/24	BEAM SPLITTER L=20.0 mm,R:T=30:70@1100 nm-1600 nm			
APPROVAL	WCHENG	MAR./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			6061-T6&N-BK7	49.1 g	3:2	A