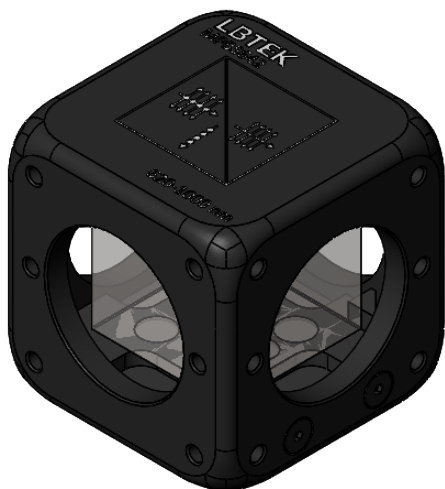
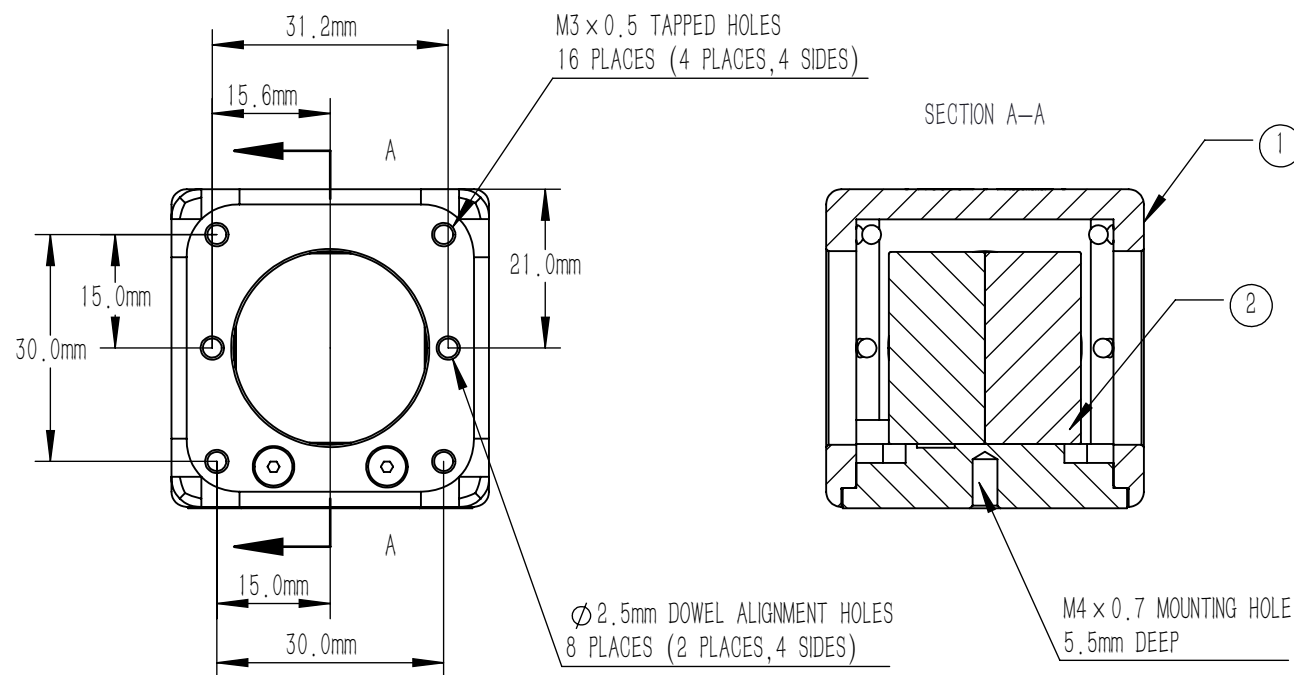




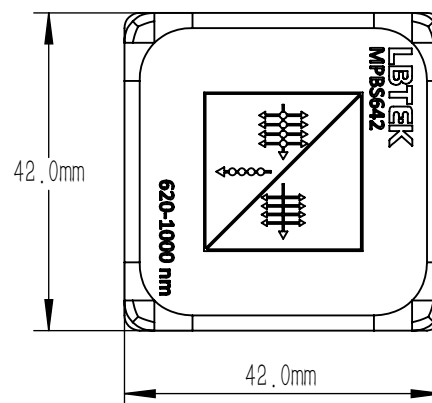
NUMBER	PART DESCRIPTION	MATERIAL
①	MECHANICAL HOUSING	BLACK ANODIZED ALUMINUM
②	PBS642	N-SF1



NOTES

PBS642:

1. WORKING WAVELENGTH: 620 nm–1000 nm
2. CLAE R APERTURE: >80%CA
3. AR COATING(S1,S2,S3,S4): $R_{avg} < 0.5\%$ @ 620 nm–1000 nm(6° AOI,SINGLE SURFACE)
4. DIAMETER TOLERANCE: ± 0.25 mm
5. ANGLE TOLERANCE: $\pm 1'$
6. COATING(S5): $T_p > 90\%$, $R_{s,avg} > 95\%$ @ 620 nm–1000 nm, AOI= 45°
7. GLUED(S5,S6): NOA61
8. EXTINCTION RATIO(T_p : T_s): >1000:1
9. TRANSMITTED BEAM DEVIATION: $\leq 0^\circ \pm 5$ arcmin
10. REFLECTED BEAM DEVIATION: $\leq 90^\circ \pm 10$ arcmin
11. SURFACE QUALITY(S1,S2,S3,S4): 40/20(S/D)
12. WAVEFRONT ERROR: $\lambda/4@633$ nm
13. SURFACE FLATNESS(S1,S2,S3,S4): $\lambda/4@633$ nm
14. OTHER SURFACES: FINE GROUND
15. CHAMFER: < 0.2 mm, 45°



DRAWING PROJECTION			LBTEK			
	NAME	DATE	MPBS642			
DRAWN	LTAN	MAY./27th/26	POLARIZATION BEAM SPLITTER L=25.4 mm, T_p : $T_s > 1000:1@620$ nm–1000 nm			
APPROVAL	WCHENG	MAY./27th/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			6061–T6&N–SF1	130 g	1:1	C