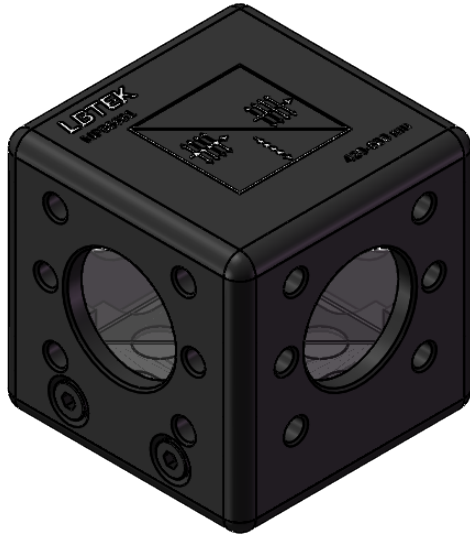
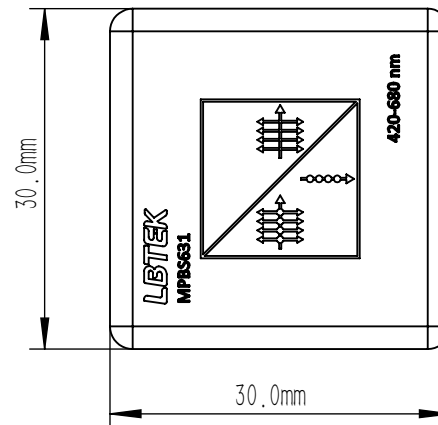
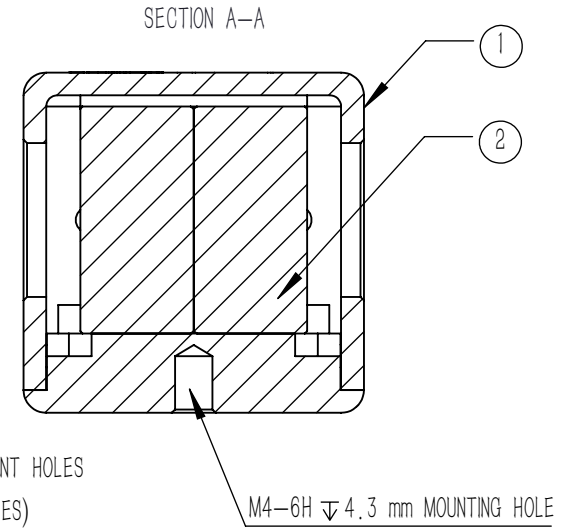
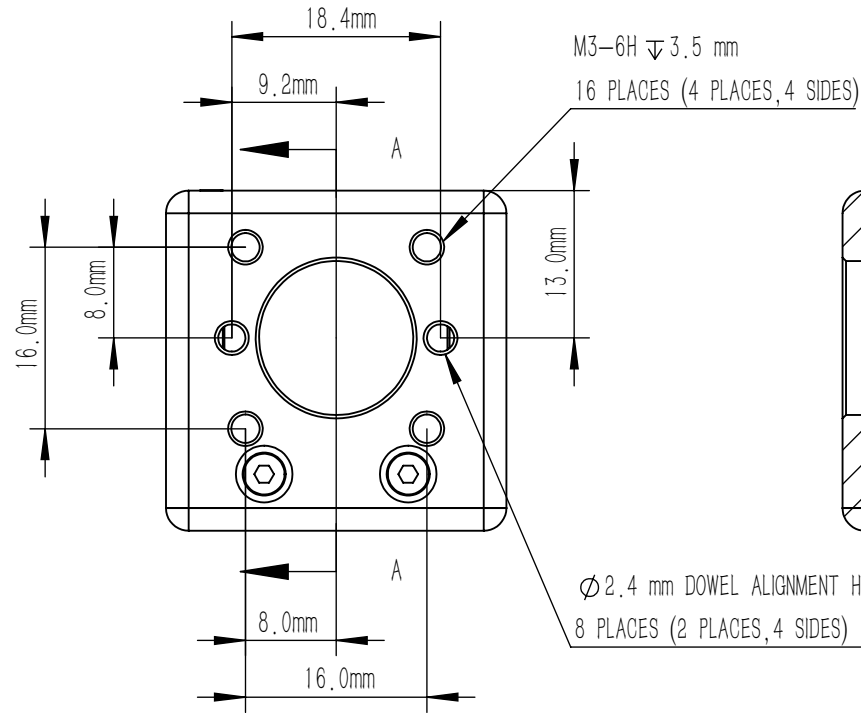




NOTES

PBS631:

1. CLEAR APERTURE: $>80\%CA$
2. AR COATING(S1,S2,S3,S4): $R_{avg} < 0.5\% @ 420\text{ nm} - 680\text{ nm}$ (6° AOI, SINGLE SURFACE)
3. DIAMETER TOLERANCE: $\pm 0.25\text{ mm}$
4. ANGLE TOLERANCE: $\pm 1'$
5. COATING(S5): $T_p > 90\%$, $R_{s,avg} > 95\% @ 420\text{ nm} - 680\text{ nm}$, AOI=45°
6. GLUED(S5,S6): NOA61
7. EXTINCTION RATIO($T_p:T_s$): $>1000:1$
8. TRANSMITTED BEAM DEVIATION: $\leq 0^\circ \pm 5\text{ arcmin}$
9. REFLECTED BEAM DEVIATION: $\leq 90^\circ \pm 10\text{ arcmin}$
10. SURFACE QUALITY(S1,S2,S3,S4): $40/20(S/D)$
11. TRANSMISSION WAVEFRONT ERROR(RMS): $\lambda/4 @ 633\text{ nm}$
12. SURFACE FLATNESS(S1,S2,S3,S4): $\lambda/4 @ 633\text{ nm}$
13. OTHER SURFACES: FINE GROUND
14. CHAMFER: $< 0.5\text{ mm}, 45^\circ$



DRAWING PROJECTION						
	NAME	DATE				
			MPBS631			
DRAWN	LTAN	MAY./27th/26	POLARIZATION BEAM SPLITTER L=20.0 mm, $T_p:T_s > 1000:1 @ 420\text{ nm} - 680\text{ nm}$			
APPROVAL	WCHENG	MAY./27th/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			6061-T6&N-SF1	53.8 g	3:2	C