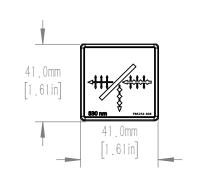
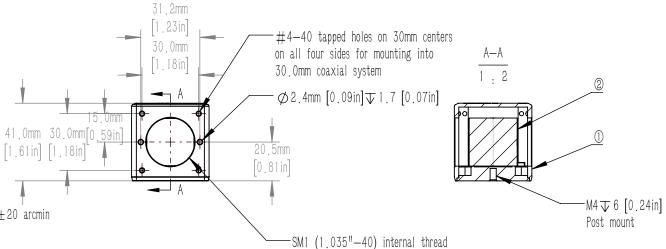
	PART	MATERIAL
0	MECHANICAL HOUSING	BLACK ANODIZED ALUMINUM
2	PBS254-808	UV FUSED SILICA





NOTES/SPECIFICATIONS:

1. OPTIC IS ALIGNED FOR REFLECTED BEAMS TO EXIT AT 90° ±20 arcmin

OPTICAL SPECIFICATIONS:

- 2. CLEAR APERTURE: $> \emptyset$ 20.32 mm
- 3. SURFACE QUALITY: 40-20 SCRATCH-DIG
- 4. TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ AT 633 nm OVER ϕ 20.32 mm
- 5. TRANSMITTED BEAM DEVIATION: ± 5 arcmin
- 6. EXTINCTION RATIO: Tp/Ts >3000.1
- 7. TRANSMISSION (P POLARIZATION): >95%
- 8. REFLECTION EFFICIENCY: Rs>99.5%
- 9. COATING (ALL 4 OUTER OPTICAL SURFACES): VAR 808 nm, Rabs: <0.25%, 0° AOI

DRAWING PROJECTION		PROPTICS						
	NAME	DATE	30mm Cage Mounted Polarizing BS Cube 808nm, M4 Tap					
DRAWN	CWD	2022/5/18	PBS254-808MM					
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV		
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES		SEE TABLE	0.085kg	1:1	A			

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES