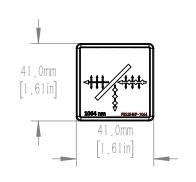
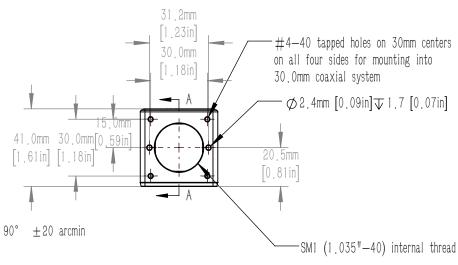
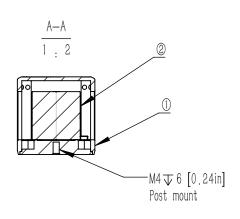
| | PART | MATERIAL |
|---|-----------------------|----------------------------|
| 0 | MECHANICAL HOUSING | BLACK ANODIZED ALUMINUM |
| 2 | PBS254HP-1064 | UV FUSED SILICA |







NOTES/SPECIFICATIONS:

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

OPTICAL SPECIFICATIONS:

- 2. CLEAR APERTURE: $> \emptyset$ 20.3 mm
- 3. SURFACE QUALITY: 20-10 SCRATCH-DIG
- 4. SURFACE FLATNESS: $<\lambda$ /4 AT 633 nm
- 5. TRANSMITTED BEAM DEVIATION: ± 5 arcmin
- 6. EXTINCTION RATIO: Tp.Ts > 2000.1
- 7. TRANSMISSION: Tp >95%
- 8. REFLECTION EFFICIENCY: Rs>99.5%
- 9. COATING (ALL 4 OUTER OPTICAL SURFACES): VAR 1064 nm, Rabs<0.25%, 0° AOI

| DRAWING PROJECTION | | 1 🗇 | 客创光科 RCOPTICS | | | | | |
|--|------|-----------|--|--------|-------|-----|--|--|
| | NAME | DATE | 30mm Cage Mounted 25.4mm High Power Polarizing Beamsplitter Cube 1064nm, M4 Tap | | | | | |
| DRAWN | CWD | 2022/5/18 | PBS254HP-1064-MM | | | | | |
| 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