

NOTES:

1. SUBSTRATE

FUSED SILICA

2. SURFACE S2 TO BE PARALLEL WITH S1 WITHIN < 3 ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: ND:YAG LASER

R(ABS) >99.5% @ 532 & 1064nm @ 45° AOI

DAMAGE THRESHOLD,

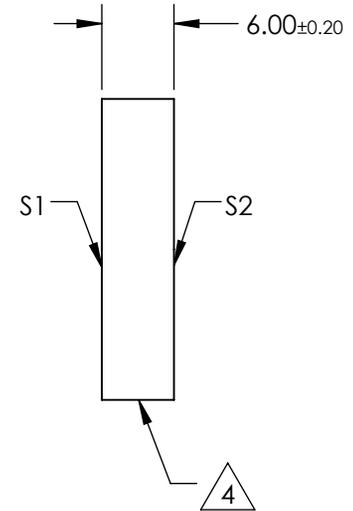
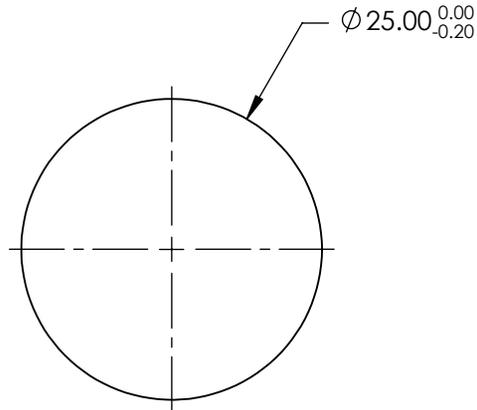
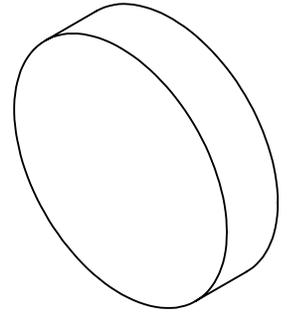
PULSED: 20 J/cm² @ 20ns

S2: NONE

4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, SURFACE QUALITY, AND COATING SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

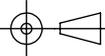
6. RoHS COMPLIANT



**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|------------------|----------------------|----------------------|
| SHAPE | PLANO | PLANO |
| SURFACE FLATNESS | $\lambda/10$ | N/A |
| SURFACE QUALITY | 10-5 | FINE GROUND |
| CLEAR APERTURE | Ø22.5 | N/A |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

| | | |
|--------|--|--------------|
| TITLE | 25mm Dia. x 6mm 532/1064nm, Dual Band Laser Mirror | |
| DWG NO | 47977 | SHEET 1 OF 1 |