

NOTES:

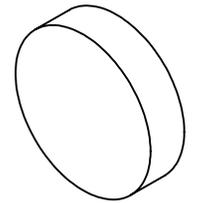
1. SUBSTRATE:  
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

Surface 1: Rabs: >99% @ 532nm, Tabs: >95% @ 1064nm  
 Surface 2: Rabs: <0.5% @ 1064nm

DAMAGE THRESHOLD, PULSED

Surface 1: 7.5 J/cm<sup>2</sup> @ 532nm, 20ns, 20Hz    7.5 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz

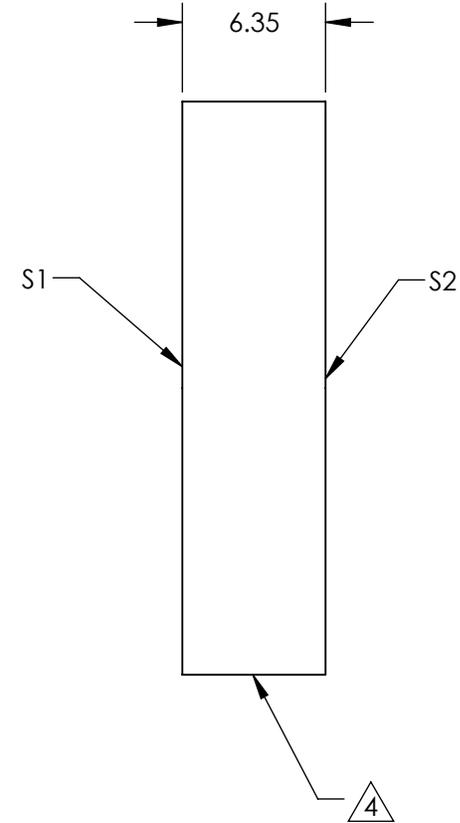
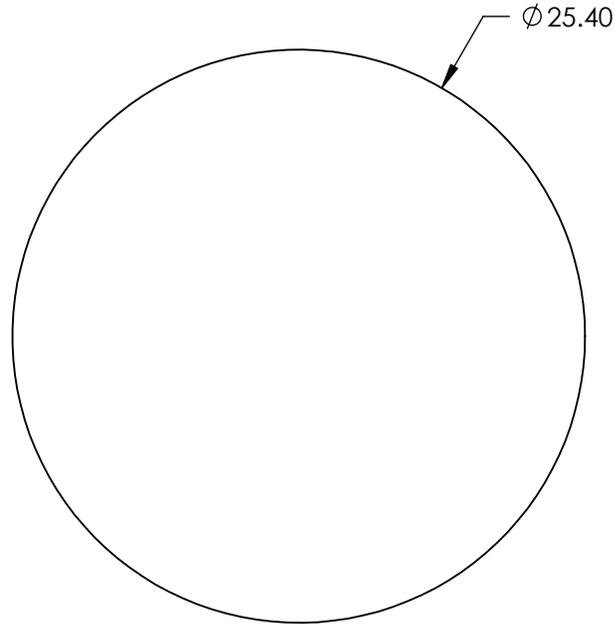
Surface 2: 15 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz



4. FINE GRIND SURFACE

5. FOCAL LENGTH TOLERANCE:

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 QUALITY  | 10-5                | 10-5                |
| CLEAR APERTURE   | >85 %               | >85 %               |
| COATING APERTURE | >85 %               | >85 %               |
| BEVEL            | PROTECTED AS NEEDED | PROTECTED AS NEEDED |

THIRD ANGLE PROJECTION

ALL DIMS IN mm

**EO**® Edmund Optics®

TITLE

25.4mm DIA., 1064nm T, 532nm R 0DEG  
 Harmonic Separator

DWG NO

22669

SHEET  
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