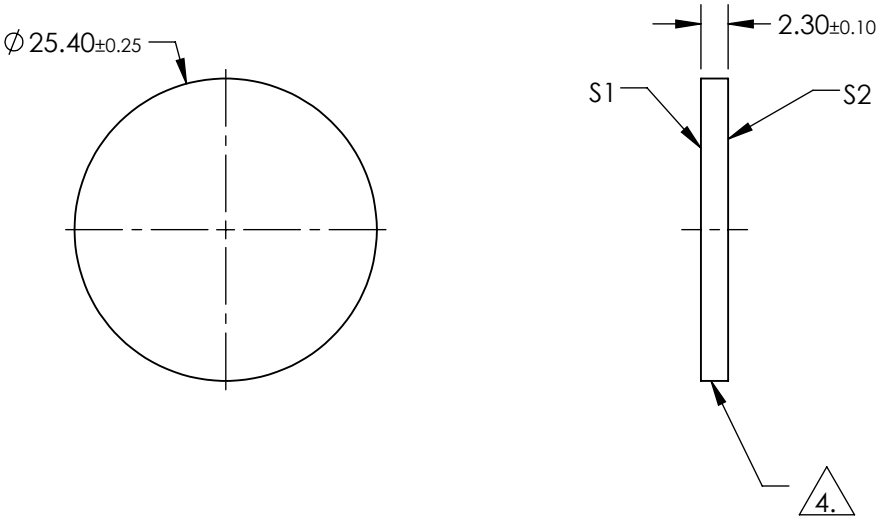


NOTES:

- 1. SUBSTRATE: Sapphire (Al2O3)
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN ≤3.5 ARCMIN
- 3. COATING (APPLY ACROSS COATING APERTURE):

S1 & S2: R(ABS) ≤1.5% @ 750 - 800nm  
R(ABS) ≤1.0% @ 800 - 1550nm  
R(AVG) ≤0.7% @ 750 - 1550nm

- 4. GRIND SURFACE
- 5. 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            | 80-50                | 80-50                |
| SURFACE FLATNESS @ 632.8nm | 2λ                   | 2λ                   |
| SURFACE ROUGHNESS (µm/in)  | 0.1                  | 0.1                  |
| BIREFRINGENCE              | 0.008                | 0.008                |
| CLEAR APERTURE             | Ø22.86               | Ø22.86               |
| BEVEL                      | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

THIRD ANGLE PROJECTION

ALL DIMS IN mm

|                                                                                                             |                                                   |  |              |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|--------------|
|  <b>Edmund Optics®</b> |                                                   |  |              |
| TITLE                                                                                                       | 25.4mm Diameter, NIR II AR Coated Sapphire Window |  |              |
| DWG NO                                                                                                      | 39264                                             |  | SHEET 1 OF 1 |