NOTES:

1. SUBSTRATE:
   FUSED SILICA

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

3. COATING (APPLY ACROSS CLEAR APERTURE)
   S1: R(avg) > 90% @ 625 - 650nm @ 45° AOI
   Rs & Rp(abs) ≥99.5% @755; |Rs-Rp| ≤0.5% @ 45° AOI

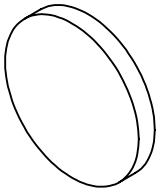
   S2: NONE

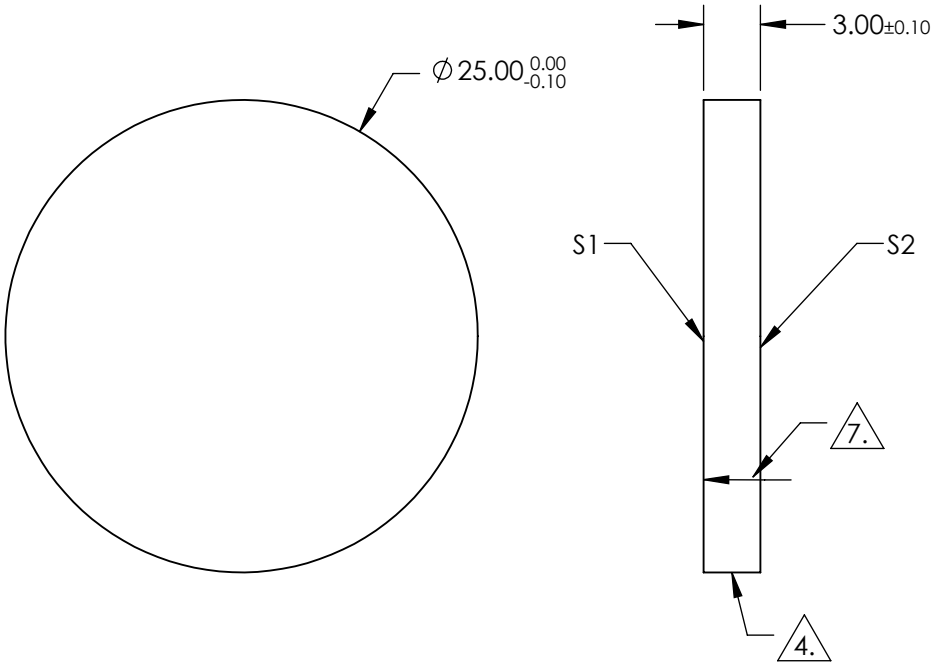
4. FINE GRIND SURFACE

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

6. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACES

7. ARROW ON EDGE POINTS TOWARDS S1





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	COMMERCIAL POLISH
SURFACE FLATNESS	λ/10	N/A
CLEAR APERTURE	∅22.50	N/A
COATING APERTURE	∅22.50	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 25mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 0 Deg AOI

ALL DIMS IN: mm

DWG NO: 25534