NOTES:

1. SUBSTRATE MATERIAL:
   FUSED SILICA

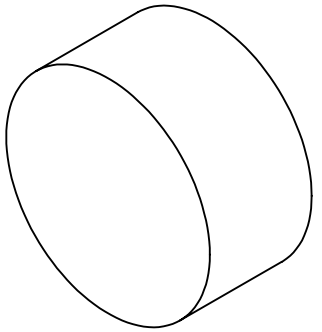
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN

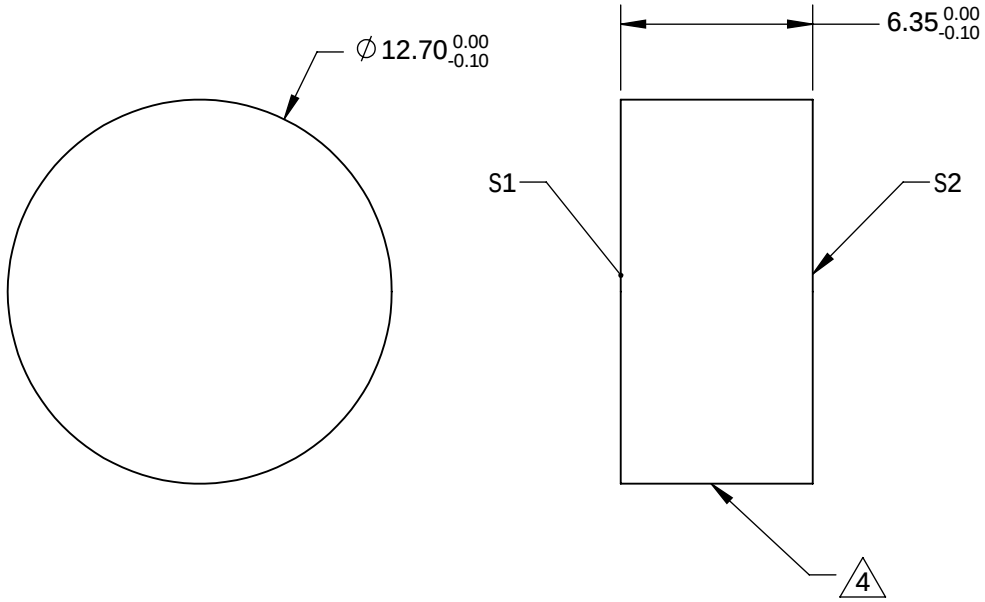
3. COATING (APPLY ACROSS CLEAR APERTURE)
   S1: DIELECTRIC
   Rs(AVG) ≥ 99.90% @ 800nm & 1030nm @ 0 - 45° AOI
   Rp(AVG) ≥ 99.90% @ 800nm & 1030nm @ 0 - 45° AOI
   R(AVG) ≥ 99.6% @ 780 – 820nm @ 0 - 45° AOI
   R(AVG) ≥ 99.6% @ 1010 – 1050nm @ 0 - 45° AOI
   S2: NONE

4. FINE GRIND 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	λ/10	N/A
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH
CLEAR APERTURE	∅11.43	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 12.7mm Dia. x 6.35mm 800/1030nm, 0-45° AOI Dual Band Laser Mirror

ALL DIMS IN: mm

DWG NO: 28968