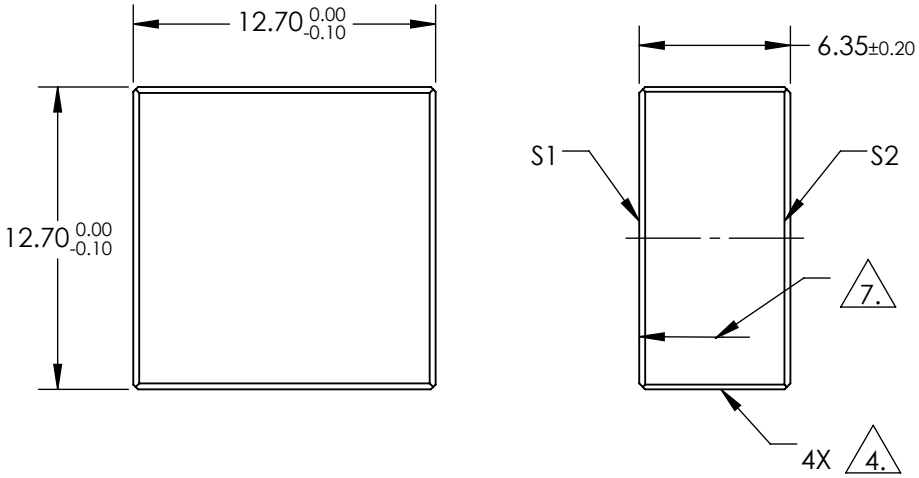
NOTES:

1. SUBSTRATE:
   Fused Silica
2. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCMINS
3. COATING (APPLY ACROSS COATING APERTURE)

   S1: R(ABS) >99.8% @ 355nm
   R(ABS) >99.5% @ 351 - 358nm
   DAMAGE THRESHOLD,
   PULSED: 6 J/cm² @ 355nm, 20ns, 20Hz
   CW: 1 MW/cm² @ 355nm

   S2: NONE

4. FINE GROUND SURFACE
5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. ARROW ON EDGE WITH LASER ETCH, PENCIL, OR PERMANENT INK POINTS TOWARDS SURFACE 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 | 0.10 WAVE | N/A |
| MIN CLEAR APERTURE | 10.80 x 10.80 | N/A |
| MIN COATNG APERTURE | 10.80 x 10.80 | N/A |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 12.7 x 12.7mm 355nm 45°, Nd:YAG Laser Line Mirror

ALL DIMS IN: mm

DWG NO: 39616

SHEET 1 OF 1