

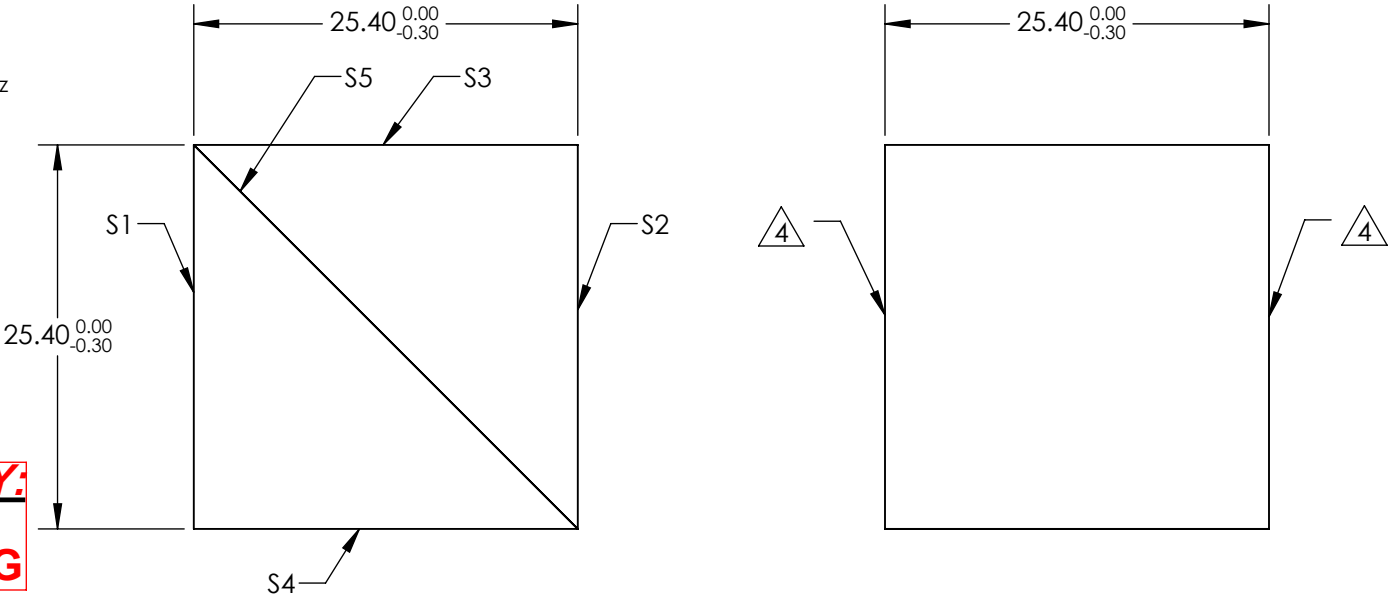
NOTES:

1. SUBSTRATE MATERIAL:  
FUSED SILICA
2. CENTERING TOLERANCE (AT 405nm):
- S1 & S2 BEAM DEVIATION TO BE <3 ARCMIN  
S4 & S5 BEAM DEVIATION TO BE <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
- S1, S2, S3 & S4: NONE  
S5: EXTINCTION RATIO: TP/TS >1000:1 @ 405nm  
TRANSMISSION: TP >97% @ 405nm
- DAMAGE THRESHOLD, PULSED:  
Typical: 20 J/cm2 @ 1064nm 10ns, 20Hz

4 FINE GROUND 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

|                    | VALUE                |
|--------------------|----------------------|
| SURFACE FLATNESS   | $\lambda/6$          |
| SURFACE QUALITY    | 40-20                |
| MIN CLEAR APERTURE | 22.86 x 22.86        |
| BEVEL MAX FACE     | PROTECTIVE AS NEEDED |



ALL DIMS IN

mm



Edmund Optics®

TITLE

25.4mm x 405nm, HIGH ENERGY POLARIZING  
CUBE BEAMSPLITTER

DWG NO

71025

SHEET  
1 OF 1