

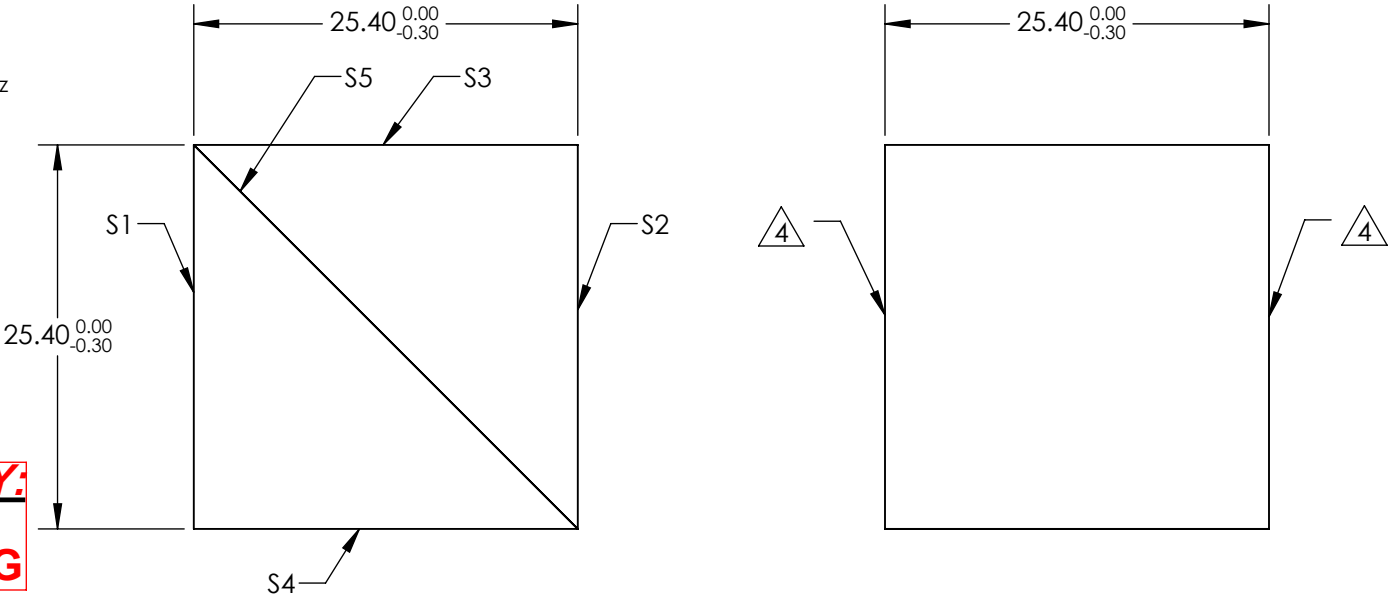
NOTES:

1. SUBSTRATE MATERIAL:  
FUSED SILICA
2. CENTERING TOLERANCE (AT 755nm):
- 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 @ 755nm  
TRANSMISSION: TP >97% @ 755nm
- 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

**EO**® Edmund Optics®

TITLE 25.4mm x 755nm, HIGH ENERGY POLARIZING  
CUBE BEAMSPLITTER

DWG NO 71028

SHEET  
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