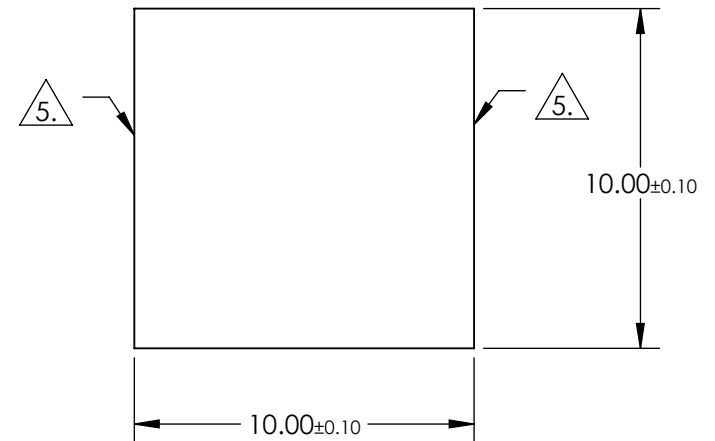
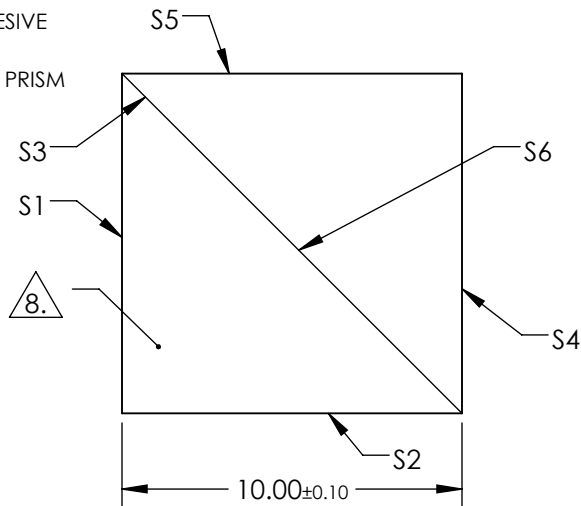


NOTES:

1. SUBSTRATE MATERIAL:  
CHENGDU (CDGM): SLAH55V
2. ROHS-COMPLIANT
3. BEAM DEVIATION:  $\pm 3$  ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
COATING SPECIFICATIONS APPLY FROM 400 TO 640nm  
S1, S2, S4 & S5:  $R(\text{avg}) < 0.5\%$  @  $0^\circ$  AOI  
S6: NONE  
S3: POLARIZING COATING TO ACHIEVE THE  
FOLLOWING SPECIFICATIONS FOR THE COMPLETED  
PART:  
T(P): 80%  
R(S): 88% FROM 400 - 450nm  
94% FROM 450 - 500nm  
97% FROM 500 - 680nm  
EXTINCTION RATIO:  $\frac{T(P)}{T(S)} > 500:1$

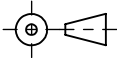
5. FINE GRIND SURFACE
6. PROTECTIVE BEVELS AS NEEDED
7. PRISMS TO BE BONDED USING NORLAND OPTICAL ADHESIVE  
NOA 61 OR EQUIVALENT
8. MARK IDENTIFIES BEAMSPLITTER COATED RIGHT ANGLE PRISM



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**Edmund Optics®**

	S1, S2, S4, S5	S3, S6	THIRD ANGLE PROJECTION 		TITLE	10mm VIS, Polarizing Cube Beamsplitter	
SURFACE ACCURACY AT 632.8nm	$\lambda/8$	$\lambda/8$	ALL DIMS IN	mm	DWG NO	11285	SHEET 1 OF 1
SURFACE QUALITY	40 - 20	40 - 20					
MIN CLEAR APERTURE	90%	90%					