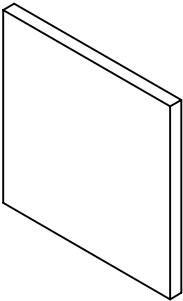
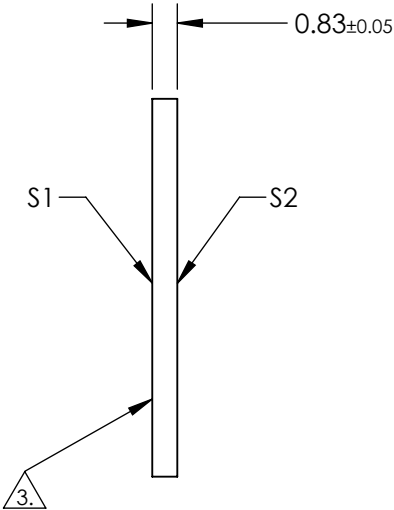
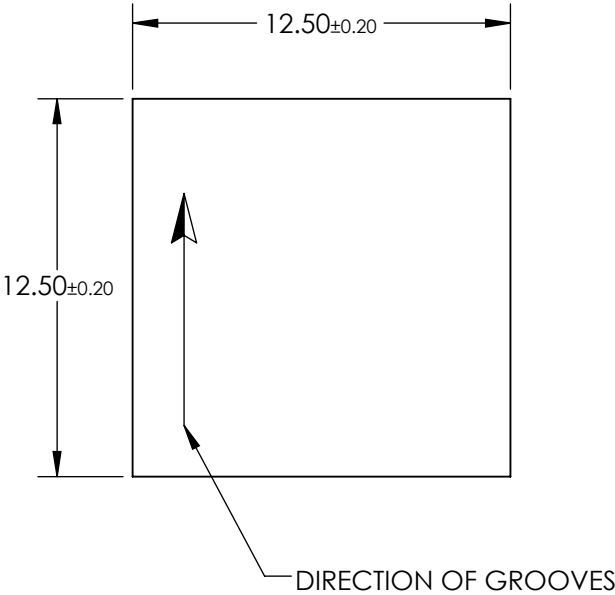
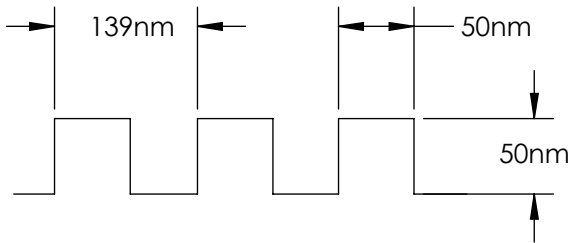


NOTES:

1. SUBSTRATE MATERIAL:
Single Crystal Silicon
2. PERIOD: $139 \pm 6.95\text{nm}$
LINE WIDTH: $70 \pm 7\text{nm}$
GROOVE DEPTH: $50 \pm 7.5\text{nm}$
3.  RIE TREATED SURFACE
4. RoHS COMPLIANT


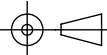


CROSS SECTION VIEW OF GRATING SURFACE



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

		S1	S2	 Edmund Optics®		
SHAPE		PLANO	PLANO	THIRD ANGLE PROJECTION 	TITLE	II-VI LightSmyth™ 139nm, 50nm Groove Depth, 12.5mm Sq. Linear Silicon Nanostamp
SURFACE QUALITY		60-40 (within CA)	FINE GRIND			
CLEAR APERTURE		11.50 x 11.50	N/A	ALL DIMS IN	DWG NO	16857
BEVEL		PROTECTED AS NEEDED	PROTECTED AS NEEDED	mm		SHEET 1 OF 1