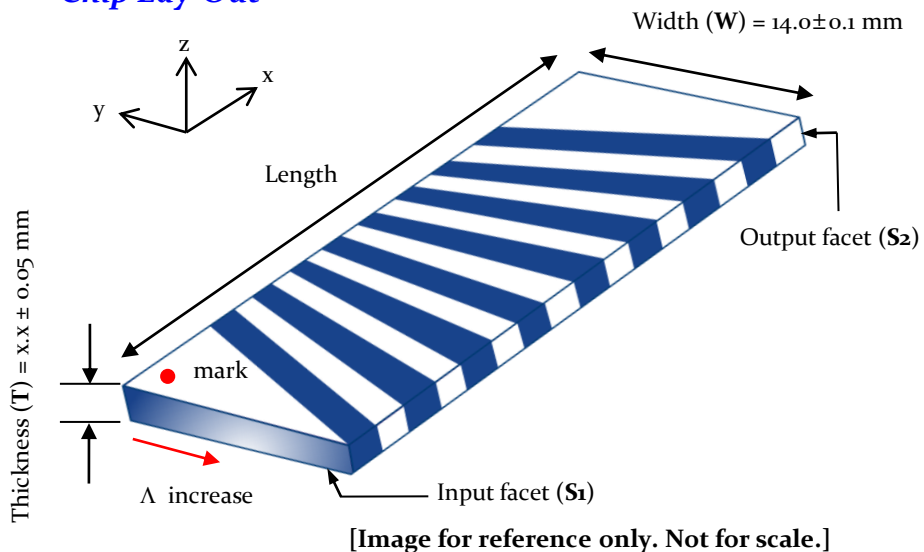


- Chip Lay-Out



Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ , μm)	28.0~33.6	Microscope
Main Function	Second Harmonic Generation	NA
Parallelism/Perpendicularity	$\leq 5' / 21'$	Autocollimator
Flatness	$\leq \lambda / 6$	Interferometer
Scratch/Dig	$\leq 20 / 10$	Microscope
Optical coating (S1/S2 facets)	S1/S2 @ 960~1150 (R<0.5%) /1925~2300 (R<0.5%) nm	Spectral Analyzer
Aperture Size	14.0 x 1.0 mm ² (W x T)	Cutting Machine
Available Length	1.0 +/- 0.1 mm	
Clear Aperture *	$\geq 80\%$ (T), ≥ 10.9 mm (W) *1	NA

*1 Poled fan-out grating width = 10.9mm

- Phase Matching Tuning Curve

