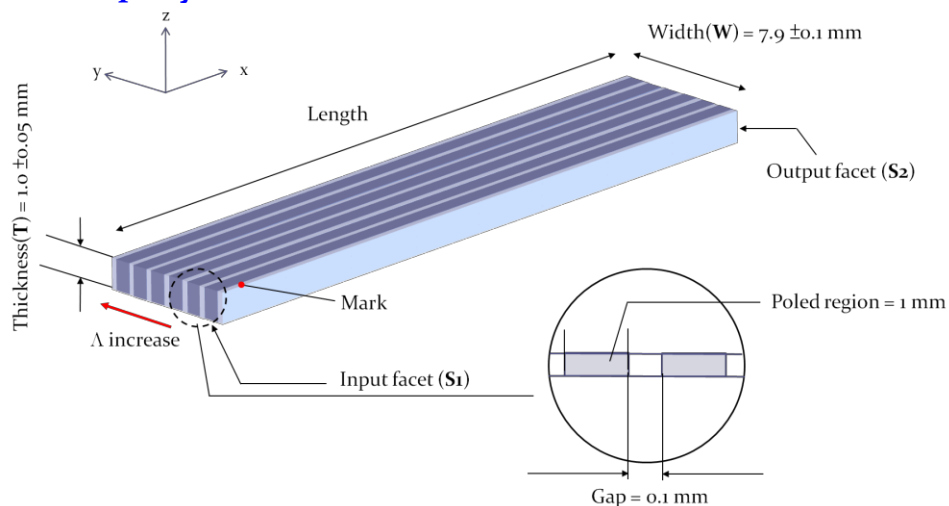


### - Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ, μm)	11.25, 11.49, 11.73, 11.97, 12.21, 12.45	Microscope
Main Function	Second Harmonic Generation	NA
Parallelism/Perpendicularity	≤5' / 21'	Autocollimator
Flatness	≤λ/6 (λ=633nm)	Interferometer
Scratch/Dig	≤20/10	Microscope
Optical Coating (S <sub>1</sub> /S <sub>2</sub> facets)	S <sub>1</sub> /S <sub>2</sub> @590~680(R<0.5%) / 1180~1360(R<0.5%)nm	Spectral Analyzer
Aperture Size	7.9 x 1.0 mm <sup>2</sup> (W x T)	Cutting Machine
Available Length	10/25 / 50 ± 0.2 mm	
Channel Clear Aperture	≥80% (T), ≥90% (W)	NA

### - Phase Matching Tuning Curve

