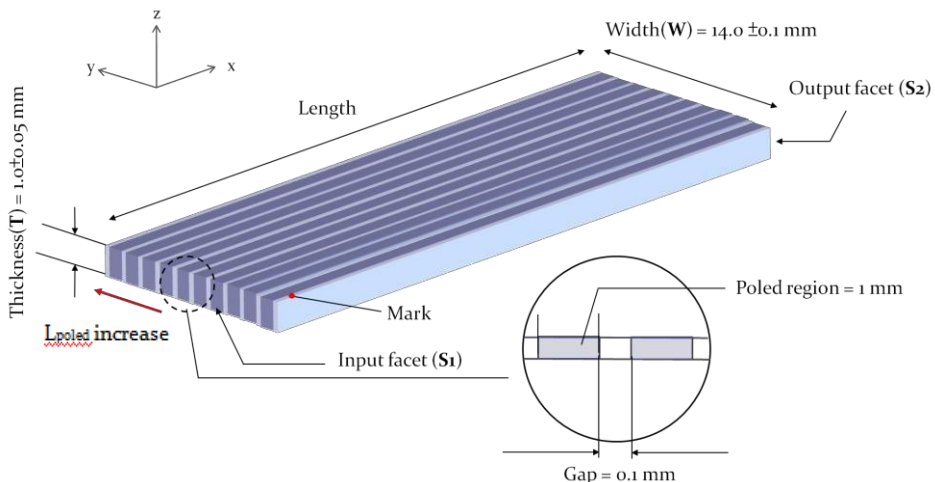


- Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period ($\Lambda, \mu\text{m}$)	6.30~6.30	Microscope
Main Function	Second Harmonic Generation	NA
Parallelism/Perpendicularity	$\leq 5' / 21'$	Autocollimator
Flatness	$\leq \lambda / 6$ ($\lambda = 633\text{nm}$)	Interferometer
Scratch/Dig	$\leq 20 / 10$	Microscope
Optical Coating (S1/S2 facets)	S1/S2 @485~590(R<0.5%) / 970~1180(R<0.5%)nm	Spectral Analyzer
Aperture Size	14.0 x 0.5 mm ² (W x T)	Cutting Machine
Available Length*	Poled length (L_{poled}) from 0.1mm to 1mm and step 0.1mm	
Channel Clear Aperture	$\geq 80\%$ (T), $\geq 90\%$ (W)	NA

*1 Refer to length of periodically poled. Physical length is 1.0 ± 0.1 mm.

- Phase Matching Tuning Curve

