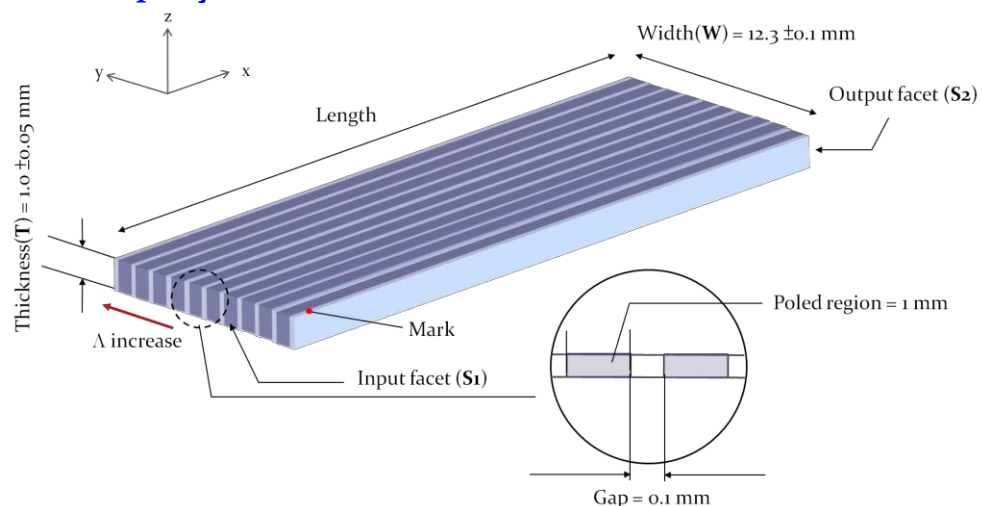


- Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ, μm)	14.90, 15.30, 15.70, 16.10, 16.50, 16.90, 17.30, 17.70, 18.10, 18.50	Microscope
Main Function	Sum Frequency Generation	NA
Parallelism/Perpendicularity	≤ 5' / 21'	Autocollimator
Flatness	≤ λ / 6 (λ = 633nm)	Interferometer
Scratch/Dig	≤ 20 / 10	Microscope
Optical Coating (S ₁ /S ₂ facets)	S ₁ /S ₂ @ 625~642 / 1020~1080 / 1520~1620 (R < 0.5%) nm	Spectral Analyzer
Aperture Size	12.3 x 1.0 mm ² (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

