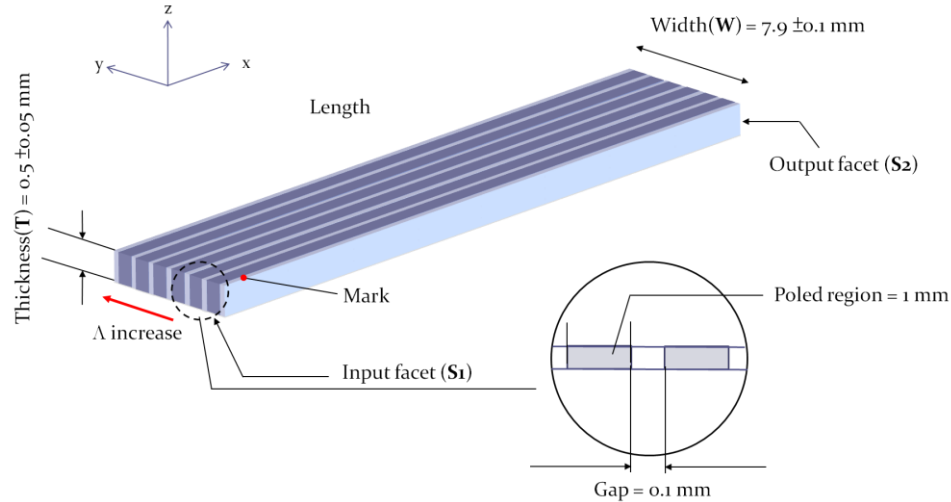


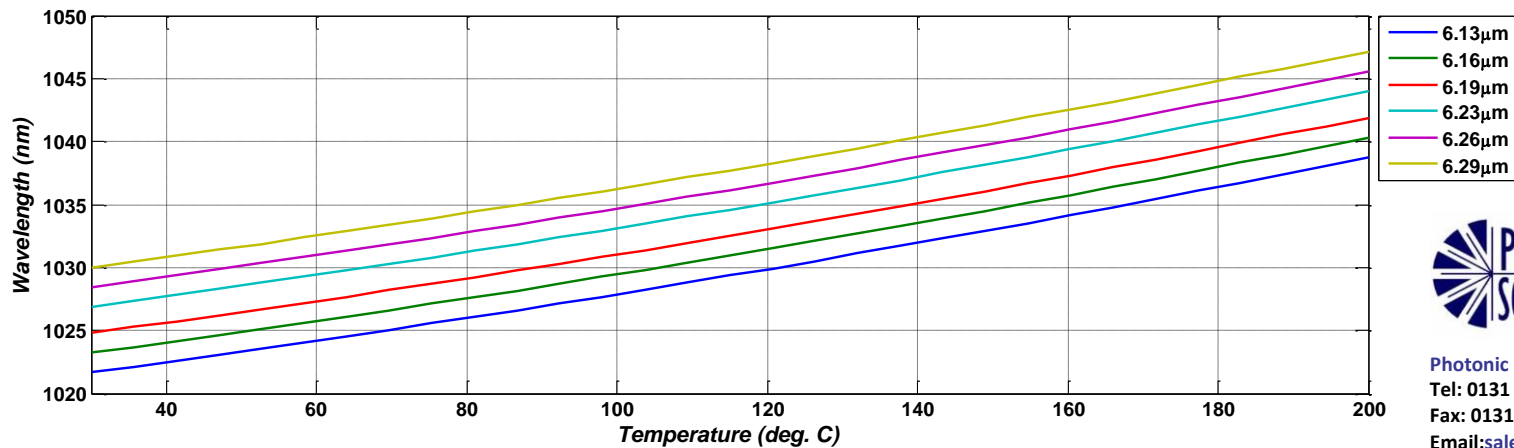
- Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ, μm)	6.13, 6.16, 6.19, 6.23, 6.26, 6.29	Microscope
Main Function	Second Harmonic Generation	NA
Parallelism/Perpendicularity	$\leq 5' / 21'$	Autocollimator
Flatness	$\leq \lambda / 6$ ($\lambda = 633$ nm)	Interferometer
Scratch/Dig	$\leq 20 / 10$	Microscope
Optical Coating (S ₁ /S ₂ facets)	S ₁ /S ₂ @485~590 (R<0.5%) /970~1180 (R<0.5%) nm	Spectral Analyzer
Aperture Size	7.9×0.5 mm ² (W x T)	Cutting Machine
Available Length	$10 / 25 / 50 \pm 0.2$ mm	
Channel Clear Aperture	$\geq 80\%$ (T), $\geq 90\%$ (W)	NA

- Phase Matching Tuning Curve



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