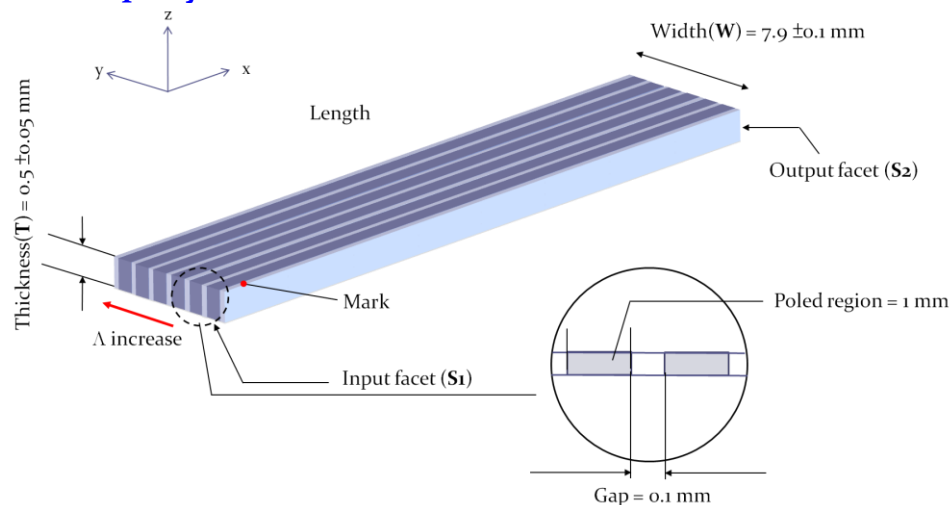


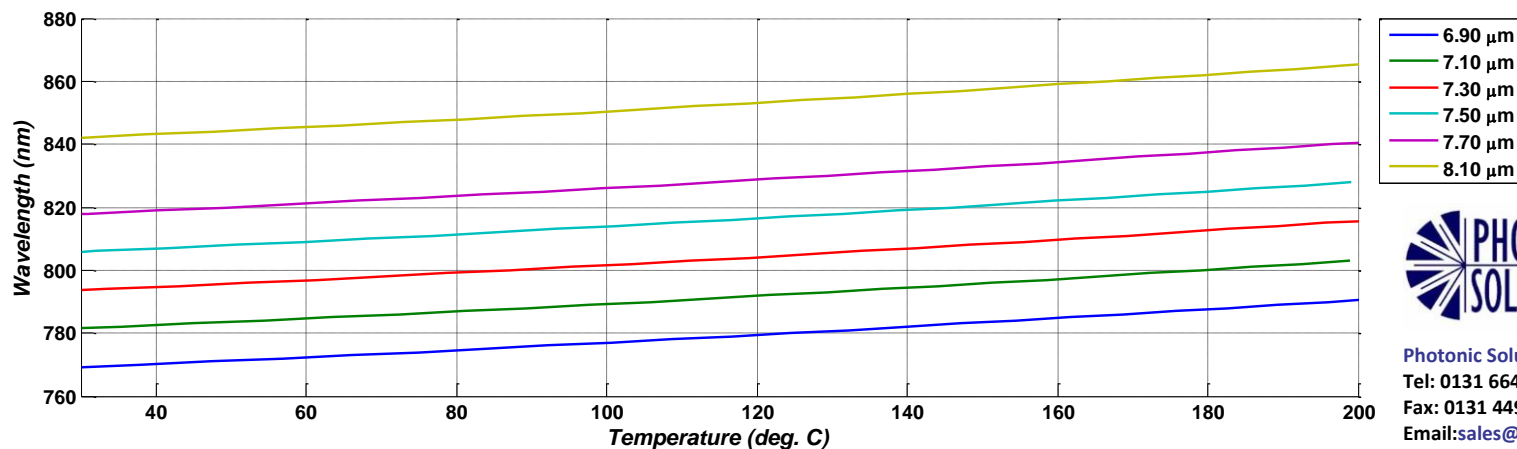
- Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ, μm)	6.90, 7.10, 7.30, 7.50, 7.70, 8.10	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 @470~550/720~850 / 1480~1590 (R<0.5%) nm	Spectral Analyzer
Aperture Size	7.9 x 0.5 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



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