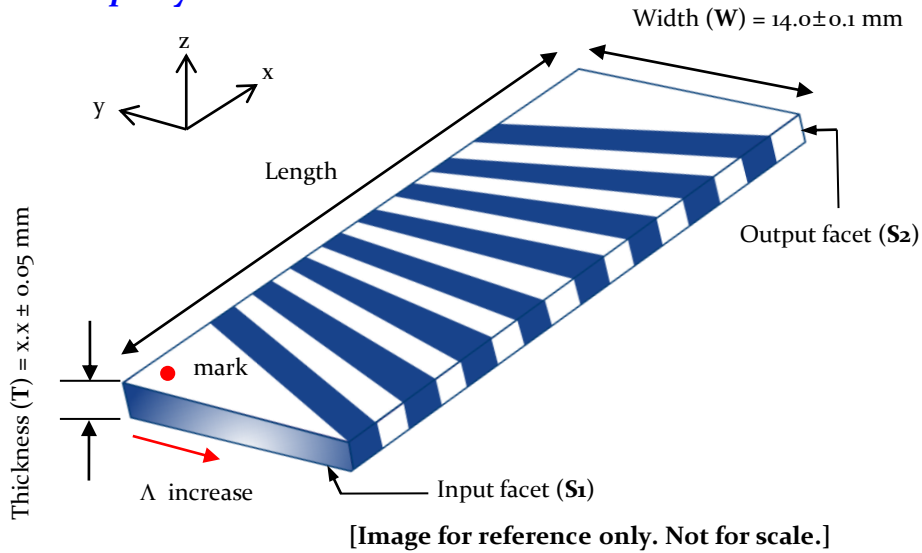


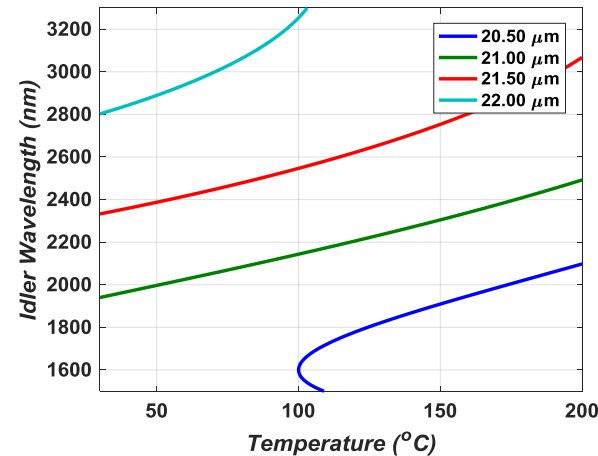
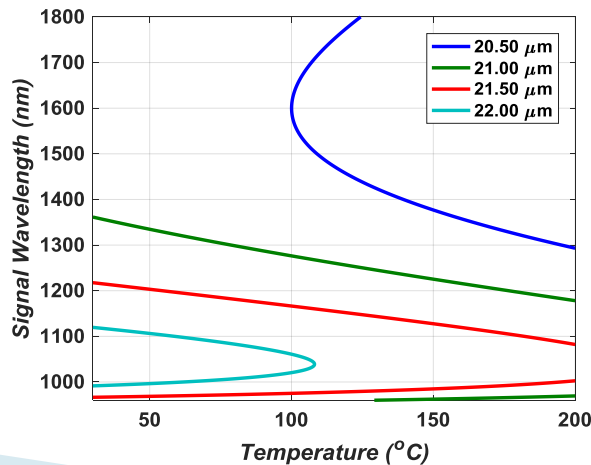
- Chip Lay-Out



Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ , μm)	20.50~23.50	Microscope
Main Function	Optical Parametric Oscillator	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 @800(R<0.5%) /1150~1500(R<0.5%) /1700~2650(R<5%) nm	Spectral Analyzer
Aperture Size	14.0 x 1.0 mm ² (W x T)	Cutting Machine
Available Length	1.0 +/- 0.1 mm	
Clear Aperture *	$\geq 80\%$ (T), ≥ 10.9 mm (W) * ¹	NA

*¹ Poled fan-out grating width =10.9mm

- Phase Matching Tuning Curve



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