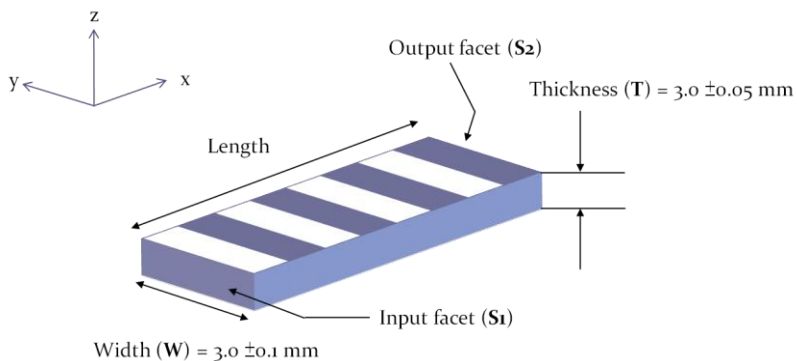


- Chip Lay-Out



[Image for reference only. Not for scale.]

Items	Properties	Inspection
Material	5 mol.% MgO:LN	NA
Period (Λ , μm)	29.00	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 (S_1/S_2 facets)	S_1/S_2 @1030-1080 (R<1.0%) /1380~1800 (R<1.0%) /1800~4500(R<5%) nm	Spectral Analyzer
Aperture Size	3.0×3.0 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

