

Nanoimprint Silicon Molds for Evaluation

Standard Nanoimprint Lithography Silicon Molds

We can offer standard mold sample at relatively low price.

Please use it for evaluation.

Specifications Overview

- Chip size : □ 1inch
- Pattern area : □ 18mm
- Substrate (Si) thickness : 725um



Standard mold sample : Line-up (Silicon mold)

Pattern		Line & Space			Hole		Pillar
Design value	Pattern pitch width	200nm	400nm	1000nm	300nm	400nm	400nm
	Pattern width	100nm	200nm	500nm	150nm	200nm	200nm
measured value	Top width	110nm	220nm	510nm	195nm	240nm	141nm
	Bottom width	140nm	240nm	540nm	164nm	210nm	178nm
	Pattern height	250nm	270nm	270nm	260nm	220nm	230nm

Cross-section image of mold pattern

