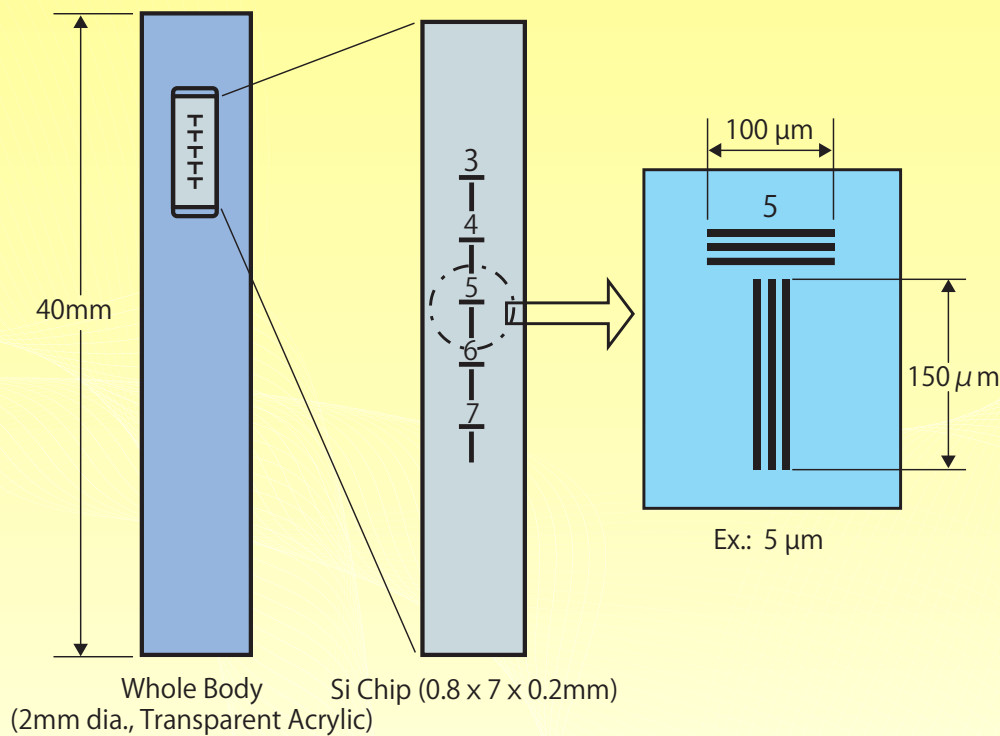
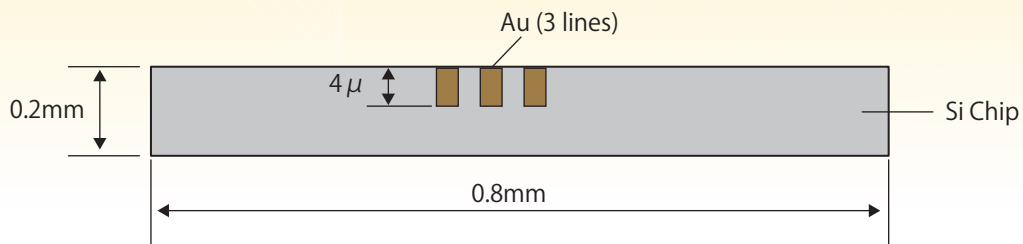


Adapting most advanced technology for semiconductors process, a new resolution chart for CT has been developed with Gold (Au) absorption material for 5 different size of lines and space, from 3 micron to 7 micron. This is very useful tool to check performance of Microfocus X-Ray CT Scan system, also for calibration, set up, maintenance, daily alignment and etc.

Layout



Cross Section of the Chip



JIMA RT CT-01

Case



KIT



Specification

U n i t	Outer Size (Acrylic Body)	$\phi 2 \times 40\text{mm}$
	Si Chip	0.8x7x0.2mm
	Absorption Material	Au Thickness $>4\mu\text{m}$
	Number of Line	3 each (T Shape Layout)
	Width of Line and Space	3, 4, 5, 6, 7 μm
	L&S Tolerance	$\pm 10\%$
H o l d e r	Size (Aluminium)	$\phi 5 \times 120\text{mm}$
B a s e	Size (Stainless Steel)	$\phi 49.5 \times 19\text{mm}$
O t h e r	Operation Temperature	10°C ~ 70°C

NOTE: Holder and Base are included. They maybe useful to hold Unit inside the CT Scanner if available or useful.

Assembly(Example)

