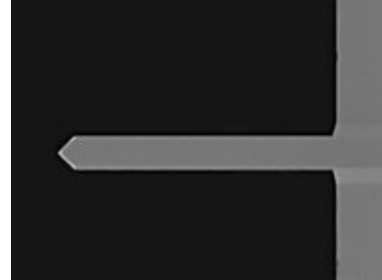


SICONA-TL

SICONA-TL probes are Tipless silicon probes designed for contact mode applications. These probes feature long, thin cantilevers, which allow for a lower spring constant and improved laser clearance, and have Aluminum coating on the reflex side to increase laser signal quality.

Cantilever Specifications

Material	: Silicon
Shape	: Rectangular
Reflex coating	: Al, 50 nm \pm 5



Parameter	Nominal	Min	Max
k (N/m)	0.29	0.13	0.60
f (kHz)	15.0	11.0	19.0
Length (μm)	450.0	440.0	460.0
Width (μm)	49.0	44.0	54.0
Thickness (μm)	2.50	2.00	3.00