

SHOCONA-TL

SHOCONA-TL probes are tipless silicon probes designed for contact mode applications. These probes feature shorter cantilevers, which provide better sensitivity without compromising on spring constant requirements. Our SHOCONA-TL probes 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)	0.14	0.01	0.60
f (kHz)	21.0	8.0	37.0
Length (μm)	225.0	215.0	235.0
Width (μm)	46.0	41.0	51.0
Thickness (μm)	1.00	0.50	1.50