

# HYDRA6V-200NGG-TL

HYDRA6V-200NGG-TL probes are tipless probes designed primarily for use in contact mode, but can also be useful for non-contact / tapping mode applications. The long, narrow, and V-shaped cantilever retains a low spring constant. The Gold coating on both the reflex and tip sides allows for improved signal strength in fluid environments.

## Cantilever Specifications

Material	: Silicon Nitride
Shape	: Rectangular
Reflex coating	: Au, 40 nm $\pm$ 5 nm



Parameter	Nominal	Min	Max
k (N/m)	0.045	0.030	0.065
f (kHz)	20.0	15.0	23.0
Length ( $\mu\text{m}$ )	200.0	190.0	210.0
Width ( $\mu\text{m}$ )	22.0	19.0	25.0
Thickness ( $\mu\text{m}$ )	0.60	0.58	0.62