

# FORTG-TL

Tipless Silicon Cantilever for Force Modulation Mode; L = 225  $\mu\text{m}$ , f = 65 kHz, k = 3 N/m; Au coated reflex side; 10 probes/ box

## Cantilever Specifications

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



Parameter	Nominal	Min	Max
Length ( $\mu\text{m}$ )	225.0	215.0	235.0
Width ( $\mu\text{m}$ )	27.0	22.0	32.0
k (N/m)	1.6	0.6	3.7
f (kHz)	61.0	43.0	81.0
Thickness ( $\mu\text{m}$ )	2.70	2.20	3.20