

High Resolution Contact Silicon AFM Cantilevers CSG10 series, resonant frequency 8-39kHz, force constant 0,01-0,5N/m - separated chips

Art. ID	TIPS-CSG10/15
Unit	15 separated chips
Deliverydetails	No Dangerous Good /not restricted

Description

High Resolution Silicon AFM Cantilevers CSG10 series are designed for Contact applications. Typical Resonant Frequency 22 kHz (guaranteed range 8-39kHz), Typical Force Constant 0,11 N/m (guaranteed range 0,01-0,5N/m). Cantilever has Au reflective side coating to increase laser signal

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Special Features						
	Cantilever length, L±10 µm		225	µm		
	Cantilever width, W±5µm		30	µm		
	Cantilever thickness, T ±0.5µm		1	µm		
	Resonant frequency, kHz , min		8	kHz		
	Resonant frequency, kHz , typical		22	kHz		
	Resonant frequency, kHz , max		39	kHz		
	Force constant, N/m, mi n		0,01	N/m		
	Force constant, N/m, mi n		0,11	N/m		
	Force constant, N/m, mi n		0,5	N/m		