

Product Description

Contact Mode AFM probes CSG11 series.

Each chip has 2 rectangular cantilevers, typical resonant frequency 21kHz/ 11kHz, force constant 0.1N/m / 0.05N/m.

Cantilever has Au reflective side coating to increase laser signal.

Probes are packed in boxes with 15 and 50 pieces. Amount discount is included in the package price.

General Features

Material	Single Crystal Silicon
Chip size	3.6×1.6×0.4mm
Reflective side coating	Au
Tip coating	No
Tip curvature radius	~ 10nm

Special Features

Cantilever series	Cantilever	Cantilever length, L±5µm	Cantilever width, W±3µm	Cantilever thickness, T±0.5µm	Resonant frequency, kHz			Force constant, N/m		
					min	typical	max	min	typical	max
CSG11	A	250	35	1.0	14	21	28	0.03	0.1	0.2
	B	350	35	1.0	7	11	14	0.01	0.05	0.08