

# ACSTA-TL

ACSTA-TL probes are tipless silicon probes designed for non-contact or soft tapping mode applications. These probes are reasonably soft with a mid-range resonance frequency. The reflex side is coated with aluminum.

## Cantilever Specifications

|                |                        |
|----------------|------------------------|
| Material       | : Silicon              |
| Shape          | : Rectangular          |
| Reflex coating | : Al, 50 nm $\pm$ 5 nm |



| Parameter                   | Nominal | Min   | Max   |
|-----------------------------|---------|-------|-------|
| k (N/m)                     | 7.8     | 3.0   | 17.9  |
| f (kHz)                     | 150.0   | 100.0 | 204.0 |
| Length ( $\mu\text{m}$ )    | 150.0   | 140.0 | 160.0 |
| Width ( $\mu\text{m}$ )     | 28.0    | 23.0  | 33.0  |
| Thickness ( $\mu\text{m}$ ) | 3.00    | 2.50  | 3.50  |