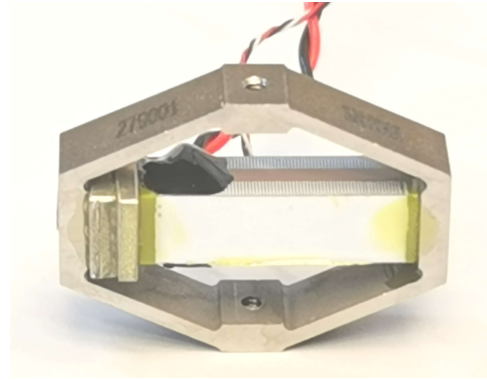


Features:

- High stiffness
- Preloaded for dynamic operations
- Simple mounting
- Flexure guides for zero play

Applications:

- Precision optical alignment
- Fast focus
- Nanopositioning
- High speed switching



APA-40U

Specifications:

Max. free stroke	40 μm
Stiffness	7 N/ μm
Blocked force	250 N
Weight	8 gr
Size	25x18x9 mm
Actuator Type	Stacked Piezo Actuator
Drive Voltage	-30 - 150 V
Sensor	Strain Gauge
Capacitance	1.8 μF
Operating Temperature	-40 ... +65 $^{\circ}\text{C}$
Preload force	200 N
First resonance frequency (without load, fixed from one end)	1700 Hz

Note: This product is customizable for different sizes, strokes and frequencies.

