

NAC2400

Multi-axis piezoelectric shear actuator stacks

Purpose

Noliac provides a wide range of multi-axis piezoelectric shear actuator stacks, which can be used in a line of standard powerful solutions dedicated to applications such as nanopositioning, precision mechanics, active vibration cancellation, switches, semiconductor manufacturing and testing.

We also provide many other possibilities for shear actuator stacks with custom solutions to meet every specification of our customers' desires.

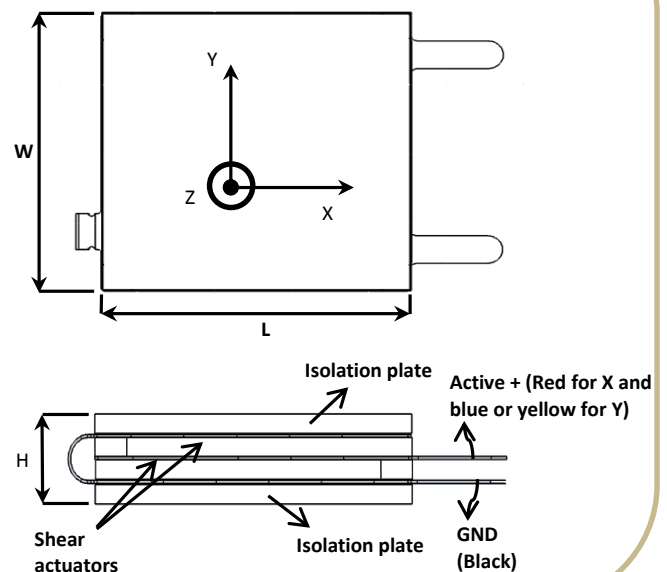
We guarantee every product by providing complete performance certificates for all actuators.

Multi-axis piezoelectric shear actuator stacks

Standard features

- X and X/Y motions
- Smart design
- -320 V to +320 V maximum operating voltage for all motions
- Ideal for all stick and slip and nanopositioning applications
- Top and bottom isolations included
- Non-magnetic ultra-thin electrodes

The informative here opposite drawing is for a 2 shear plate configuration of X-motion. See the table below for other standard offers.



1 Customized products

We can translate your applications' specific set of features into the best and optimal multi-axis actuator solution, which offers the performances you demand - based on optimized components and at the lowest possible cost.

2 Options available on demand

- Cryogenic capable
- UHV capable
- Custom shaped isolation endplates
- Internal Diameter (central hole)
- Custom colours and types of wires
- Custom electrodes (materials, thicknesses)
- Custom piezoelectric material

