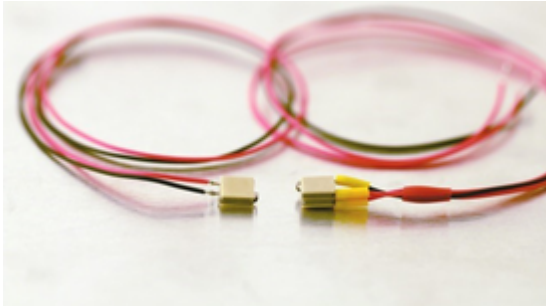


## NAC2903-H6.4



The Noliac shear stack NAC2903-H6.4 features shear motion on the X/Y-axis. NAC2903-H6.4 measures 10x10 mm with a height of 6.4 mm and provides free stroke of 6/6  $\mu$ m and a capacitance of 13.3/13.3 nF.

### SPECIFICATIONS

Attributes	Value	Tolerance
Chamfers	X/Y 0,00	
Length / outer diameter	10 mm	+/-0.20 mm
Width / inner diameter	10 mm	+/-0.20 mm
Height	6.4 mm	+/-0.05 mm
Operating voltage, max.	$\pm$ 320 V	
Free stroke, from -Vmax to +Vmax	6 $\mu$ m	+/- 20%
Capacitance	13.3 nF	+/- 20%
Maximum operating temperature	150 °C	
Material	NCE51	
Unloaded resonance frequency	50/ 50 kHz	

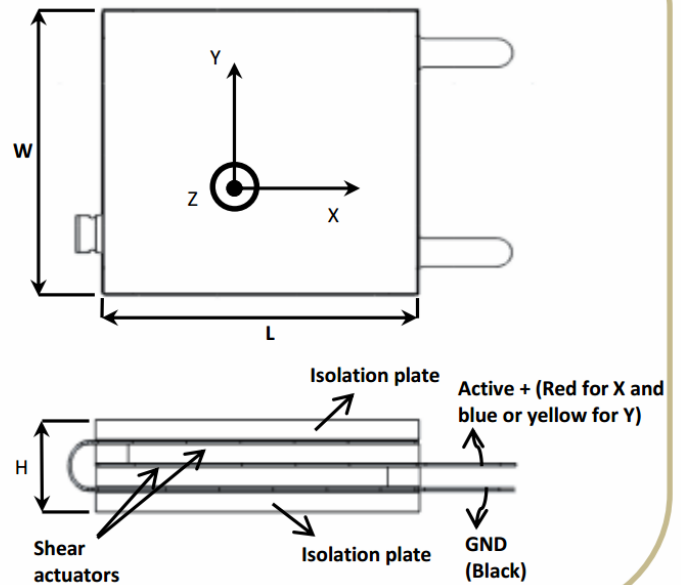
### DRAWINGS

## 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.*



## WIRES

As standard, the shear stacks are delivered with these wires:

- 28 AWG PTFE Insulated Wires (red for X-motion and blue or yellow for Y-motion).

Please contact us for other wiring options.