



PRODUCT FLYER

# NanoT Series

## The Most Compact Tactile Ever

NanoT. It's the world's smallest Tactile switch, but still tough enough to meet the strict performance needs of the wearable and medical device markets where miniaturized solutions are in high demand. Offering the smallest switch size available, the NanoT gives designers the freedom to create products that are as small as they like, without compromising on quality and performance. Because of its small footprint, designers now have the flexibility to either free up room in their designs to add additional functionality or reduce the overall size of their printed circuit board (PCB).



The integrated actuator provides full interface buttons for both top actuator version and side actuator version. The product is designed with edge mount soldering configuration with excellent resistance to shock and shear testing, improving lifetime of the equipment. The product is also IP67 rated, offering strong protection against dust and water ingress.

<b>Series</b>	<b>NanoT</b>  <b>Top version</b>	<b>NanoT</b>  <b>Side version</b>
<b>Product size</b>	2.1 x 1.65 x 0.55 mm	2.2 x 1.7 x 1.65 mm
<b>Force &amp; Operating life</b>	<b>100gf:</b> 200,000 life <b>160gf:</b> 300,000 life <b>240gf:</b> 200,000 life	<b>100gf:</b> 200,000 life <b>160gf:</b> 300,000 life <b>240gf:</b> 200,000 life
<b>Travel</b>	0.1 mm travel	0.1 mm travel
<b>Termination</b>	G type termination	PIP termination
<b>Actuation</b>	Integrated Protected Actuator	Integrated Protected Actuator
<b>IP Level</b>	Laser welded film	Laser welded film
	IP67 water proof	IP67 water proof
<b>Switch Function</b>	Single pole Momentary	Single pole Momentary
<b>Soldering</b>	SMT reflow process	PIP reflow process



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## NanoT APPLICATIONS

### WEARABLE & HIGH END CONSUMER SOLUTIONS

#### Wearable Devices

- Sports Watches
- Bone Conduction Transducer
- Sports Headsets

#### High End Consumer

- Bluetooth Devices
- High end Pad
- Smart Eye Glass
- Dimming Eye Glass

### MEDICAL SOLUTION

#### Healthy Caring Devices

- Hearing Aids
- Portable Patient Monitoring

