

# NanoT Series

## The Most Compact Tactile Switch



### Specifications

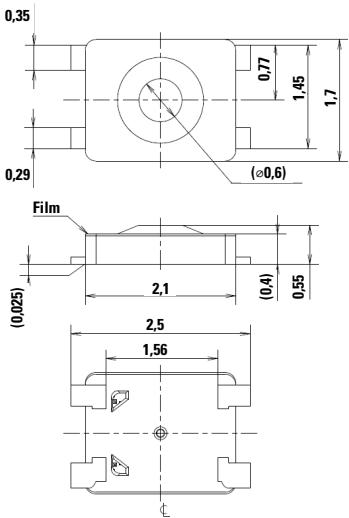
<b>Function</b>	Momentary action
<b>Contact Arrangement</b>	1 make contact = SPST, NO
<b>Terminals</b>	SMT / PIP
<b>Contact Material</b>	Silver plated

### Electronic Characteristics

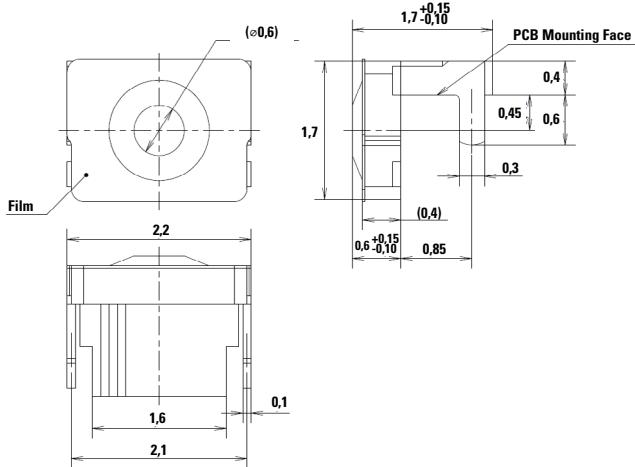
<b>Max Power</b>	0.3 VA DC
<b>Voltage</b>	15V
<b>Current</b>	20mA
<b>Dielectric Strength</b>	250VRms
<b>Contact Resistance</b>	500mΩ Max.
<b>Bounce Time</b>	On/Off 10ms Max.

### Dimensions (mm)

#### Top Actuated (AS Version)



#### Side Actuated (BP Version)



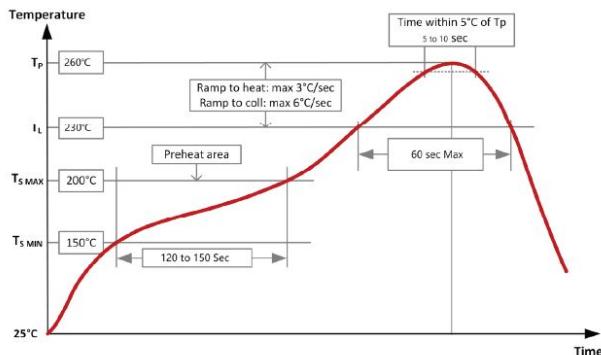
#### Notes:

General Tolerance: ± 0.1mm

# NanoT Series

## The Most Compact Tactile Switch

### Soldering Profile



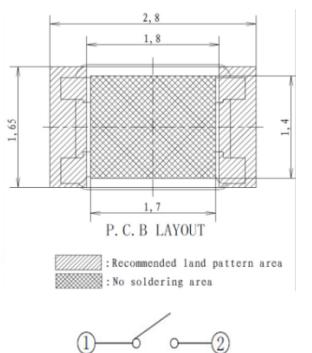
$T_P$	Peak package body Temperature
$T_L$	Liquidus Temperature
$T_S$	Preheat/Soak Temperature

**Soldering** This component is suited to the following methods:  
Cleaning according to typical washing processes  
Lead free reflow soldering process in accordance with 61760-1

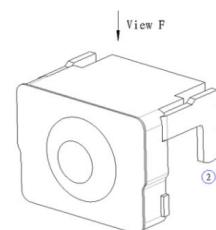
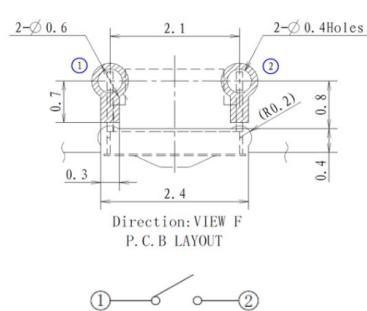
**Recommendation:**  
Number of reflow pass: 2 cycles  
The thickness of solder paste on the PCB board is  $0.08 \pm 0.01$ mm

### Pad Layout Dimensions (mm)

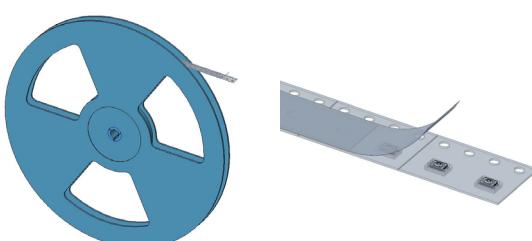
#### AS Version



#### BP Version

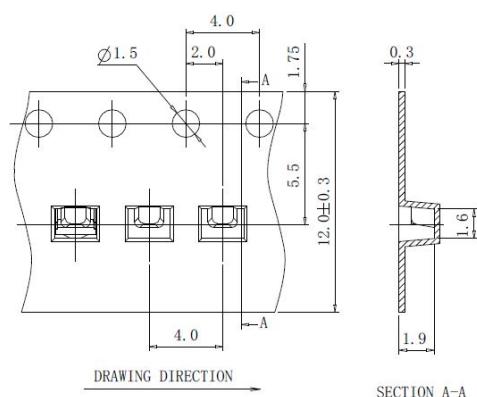
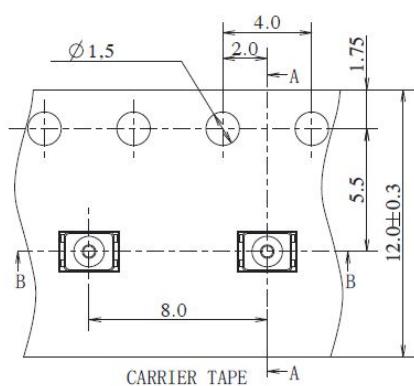
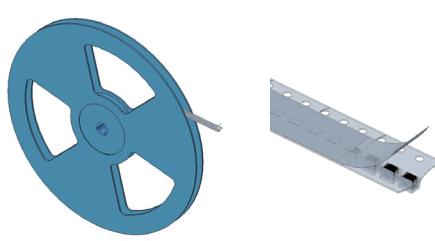


#### AS Version



### Packaging Dimensions (mm)

#### BP Version



# NanoT Series

The Most Compact Tactile Switch

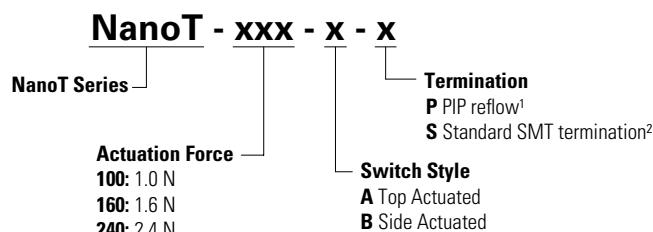


## Packaging Details

Series	AS	BP
Type	Tape & Reel	Tape & Reel
Number of parts in packaging	8000	7500
Other information	EIS 481	EIS 481
Transport Conditions	According to specification NF H00-060	According to specification NF H00-060

## Ordering Number

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category. For any part number different from those listed below, please consult your local representative.



### Notes:

1. P termination for side version only
2. S termination for top version only

## Mechanical Characteristics

Supply Status*	LITTELFUSE Orderable Part Number	Description	Contact & Terminals Plating	Terminals	Operating Force Fa (Newtons)	Operating Life (operations)	Electrical Travel (mm)
✓	GSMANOT000101	NANOT 100 AS	Silver	SMT	1.0 +0.4/-0.3	200,000	0.1 +/-0.05
✓	GSMANOT000203	NANOT 100 BP	Silver	PIP	1.0 +0.4/-0.3	200,000	0.1 +/-0.05
✓	GSMANOT000102	NANOT 160 AS	Silver	SMT	1.6 +/-0.5	300,000	0.1 +/-0.05
✓	GSMANOT000201	NANOT 160 BP	Silver	PIP	1.6 +/-0.5	300,000	0.1 +/-0.05
✓	GSMANOT000103	NANOT 240 AS	Silver	SMT	2.4 +/-0.6	200,000	0.1 +/-0.05
✓	GSMANOT000202	NANOT 240 BP	Silver	PIP	2.4 +/-0.6	200,000	0.1 +/-0.05

### Notes:

- \* Supply status:  
✓ : Available for ordering.

## Liability Limitation

This datasheet does not provide enough information for applications that require a certain level of quality or safety such as automotive, medical systems, or safety equipment. Please contact customer service for the contractual specification package.

**Disclaimer Notice** - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <http://www.littelfuse.com/disclaimer-electronics>.