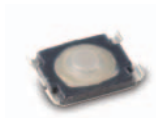


# KMT0 Series Nano-Miniature SMT Top Actuated



## Features

- **Smallest footprint**
- **Smallest thickness with integrated actuator**
- **High number of cycles within the smallest packaging**
- **IP68**

## Typical Applications

- **Mobile Phones**
- **Hearing Aids**
- **MP3 accessories**
- **Bluetooth Headset**



Tactile Switches

## Specification

FUNCTION: momentary action  
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.  
TERMINALS: J lead type for SMT

## Mechanical

OPERATING LIFE: 300,000 cycles

	Operating force Newtons (grams)	Tactile Feeling	Travel mm
KMT011NGJLHS	1.0 (100) ± 0.25	≥ 10%	0.15 ± 0.1
KMT021NGJLHS	1.6 (160) ± 0.25	≥ 30%	0.15 ± 0.1
KMT071NGJLHS	2.3 (230) ± 0.25	≥ 30%	0.15 ± 0.1
KMT031NGJLHS	3.4 (340) ± 0.25	≥ 30%	0.15 ± 0.1

## Electrical

MAXIMUM POWER: 0.5 VA  
MAXIMUM VOLTAGE: 32 VDC  
MINIMUM VOLTAGE: 20mV  
MAXIMUM CURRENT DC: 50 mA  
MINIMUM CURRENT DC: 1 mA  
DIELECTRIC STRENGTH: ≥ 250 Vrms (1mn)  
CONTACT RESISTANCE: ≤ 300 mΩ  
INSULATION RESISTANCE: ≥ 50 MΩ  
BOUNCE TIME: ≤ 6 ms

## Environmental

OPERATING TEMPERATURE: -40°C to 85°C  
STORAGE TEMPERATURE: -55°C (10 days)  
+85°C (4 days)

## Process

SOLDERING: This component is suited to the following methods:  
– Infrared Reflow Soldering in accordance with IEC61760-1

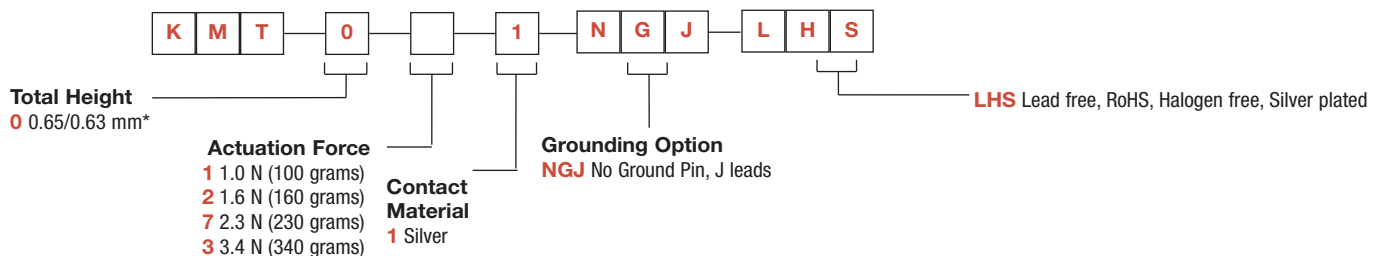
## Packaging

In reels of 4,000 pieces.  
Dimensions of reels according to EIA 481B  
External diameter 180 mm

**NOTE:** Specifications listed above are for switches with standard options.  
For information on specific and custom switches, consult Customer Service Center.

## Part Number Description

For any part number different from those listed above, please consult your local representative.



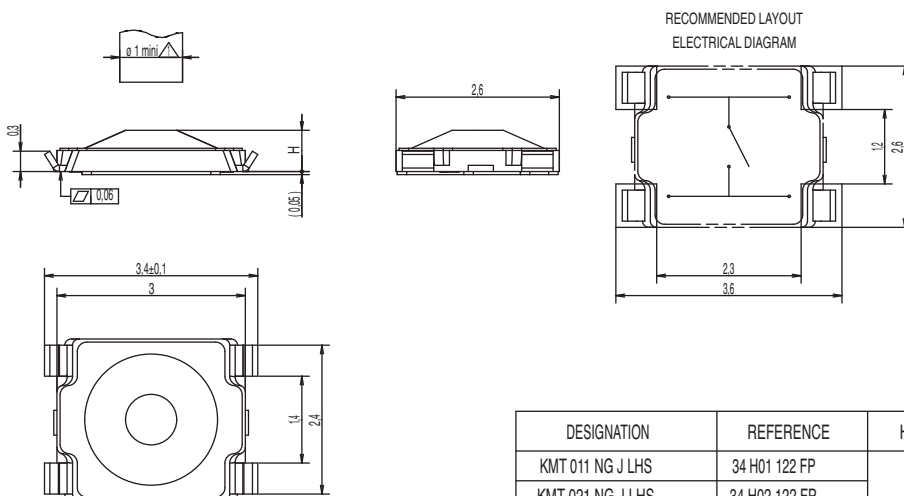
\* Height varies with actuation force (see drawing)

# KMT0 Series Nano-Miniature SMT Top Actuated

Minimum actuator diameter is 1.0mm. It is recommended to enlarge this diameter to a full flat surface covering the switch.

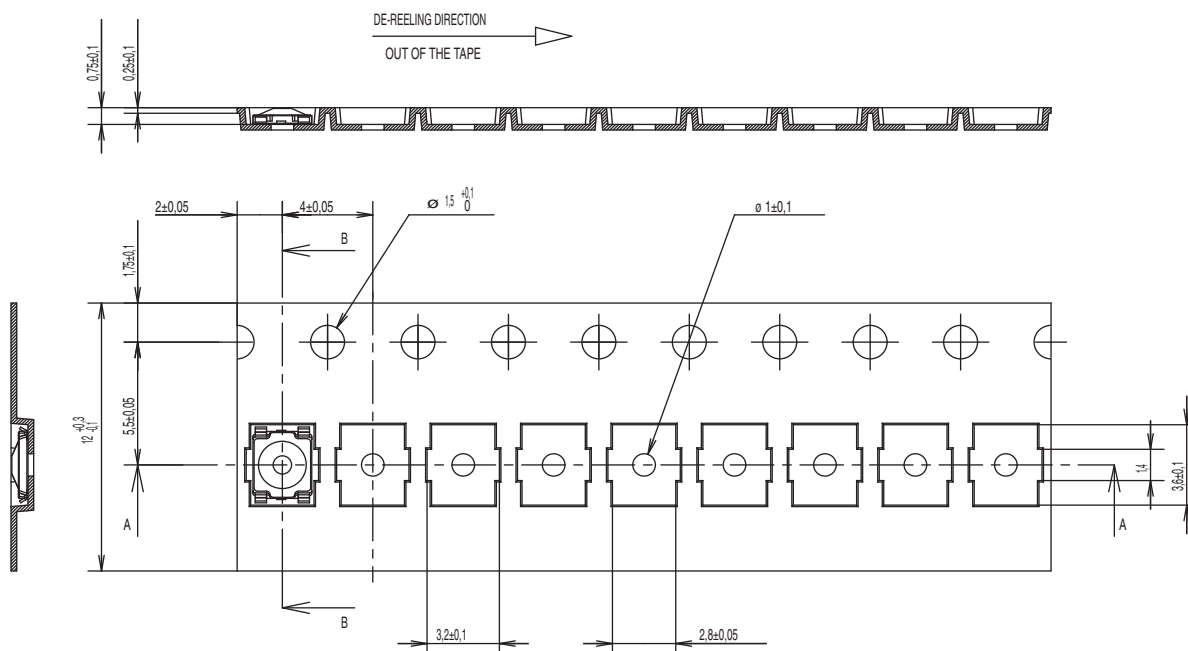
Tactile Switches

B



DESIGNATION	REFERENCE	H±0,07
KMT 011 NG J LHS	34 H01 122 FP	0,63
KMT 021 NG J LHS	34 H02 122 FP	
KMT 031 NG J LHS	34 H03 122 FP	0,65
KMT 071 NG J LHS	34 H07 122 FP	

## TAPE & REEL



Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

