

# KMT Series Nano-Miniature SMT Top Actuated



## Features

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

## Typical Applications

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

## Specification

FUNCTION: momentary action

CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.

TERMINALS: Gullwing type for SMT

## Mechanical

Type G and NG	Operating force Newtons (grams)	Operating Life	Tactile Feeling	Travel mm
KMT 211 LFS	1.0 (100) ± 0.25	150,000	≥ 10%	0.13 ± 0.06
KMT 221 LFS	1.6 (160) ± 0.40	150,000	≥ 30%	0.13 ± 0.06

## Electrical

Silver

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

Silver

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.

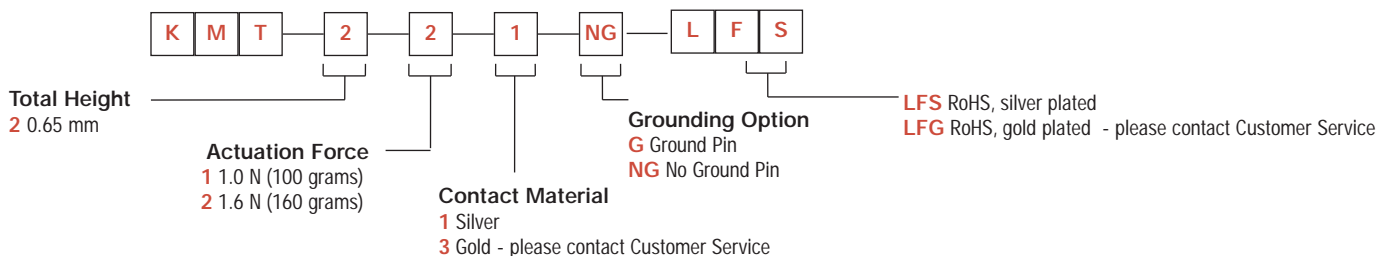
Dimensions of reels according to EIA 481B

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

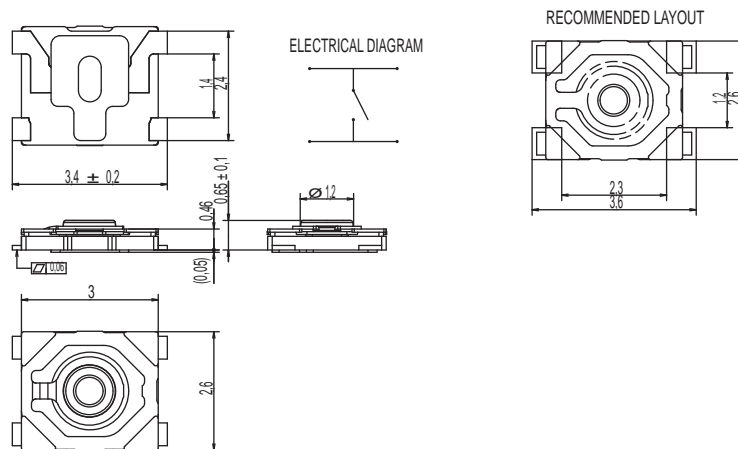
For any part number different from those listed above, please consult your local representative.



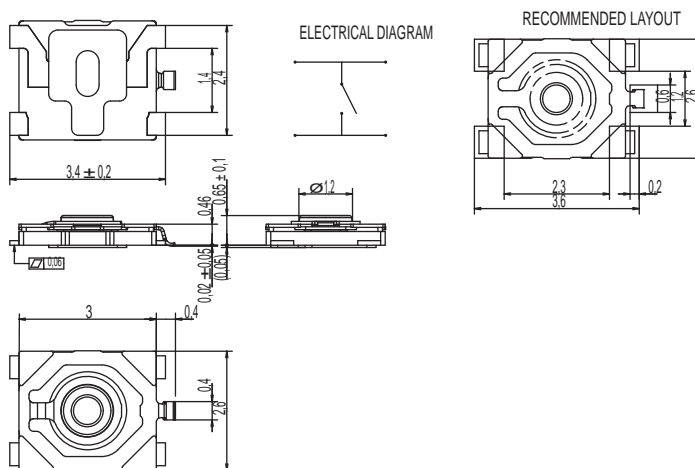
# KMT Series

## Nano Microminiature SMT Top Actuated

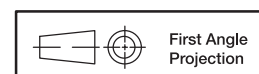
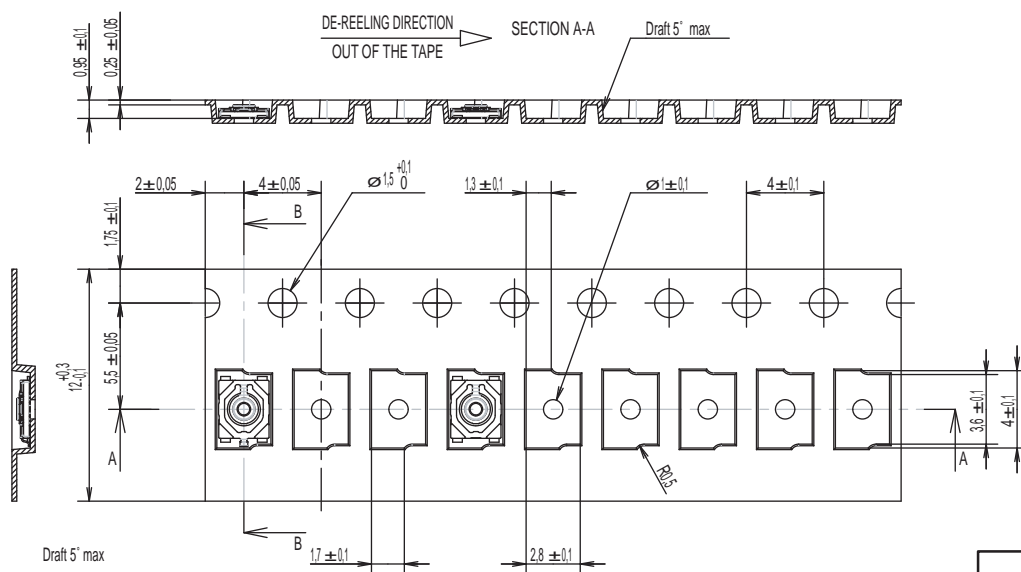
### KMT Series – No Ground Pin



### KMT Series – With Ground



## TAPE & REEL



Dimensions shown in: mm (inch)  
Specifications and dimensions subject to change

www.ck-components.com