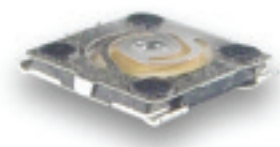


# KMX Series Microminiature Tact Switch for SMT



## Features

- Ultra low profile 0.58mm
- Compact switch body; 4.5x4.5mm
- 1.6 and 2.2N sharp tactile feel
- 250k cycles
- $\varnothing$  1.4mm actuator grounded
- RoHS compliant and compatible

## Typical Applications

- Allows higher board density with compact SMT switch for ultra low profile environment: cell phones keypads, key fob, white goods, medical and military

## Specification

FUNCTION: Snap action push-on type SPST/shielded  
CONTACT TYPE: Normally open  
TERMINALS: Gullwing type for SMT

## Mechanical

MAXIMUM ACTUATING FORCE/LIFE: 20 N for 1,000 cycles

Type	Operating force Newtons (grams)	Operating life (operations)	Travel
KMX211G/213G	1.6 (160) $\pm$ 30%	250,000	0,20 $\pm$ 0,10
KMX221G/223G	2.2 (220) $\pm$ 30%	250,000	0,20 $\pm$ 0,10

## Packaging

Switches are delivered in tape and reels of 10,000 pieces. The reel diameter is 380 (14.961). The tape dimensions conform to the EIA-RS-481 and EC-286-6 norms.

## Electrical

	Silver	Gold
MAXIMUM POWER:	0.5 VA	0.5 VA
MAXIMUM VOLTAGE:	32 VDC	32 VDC
MAXIMUM CURRENT DC:	50 mA	20 mA
MINIMUM CURRENT DC:	1 mA	1 mA
CONTACT RESISTANCE:	$\leq$ 100 m $\Omega$	
INSULATION RESISTANCE:	$\geq$ 50 M $\Omega$	
BOUNCE TIME:	$\leq$ 6 ms	

## Environmental

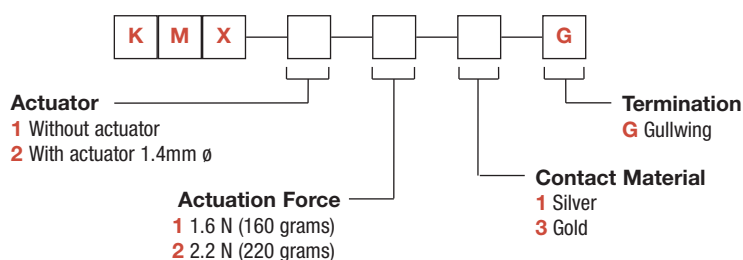
	Silver	Gold
OPERATING TEMPERATURE:	-40°C to 85°C	-40°C to 125°C
STORAGE TEMPERATURE:	-55°C to 85°C	-55°C to 125°C
RELATIVE HUMIDITY	90 to 96%	

## Process

Compatible with infrared reflow, lead free soldering and pick and place SMT machines.

## How To Order

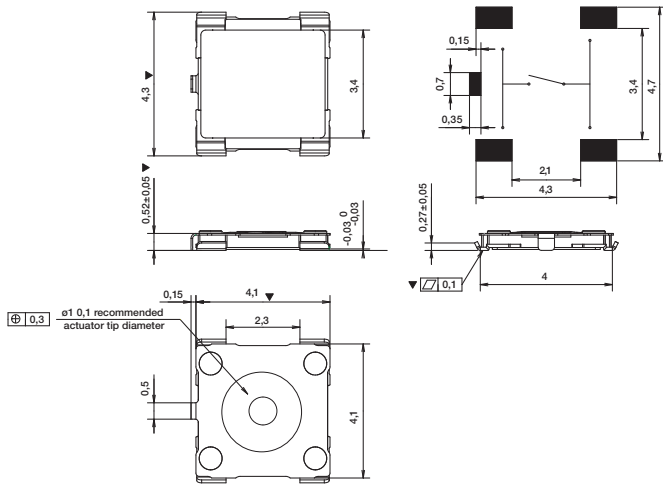
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.



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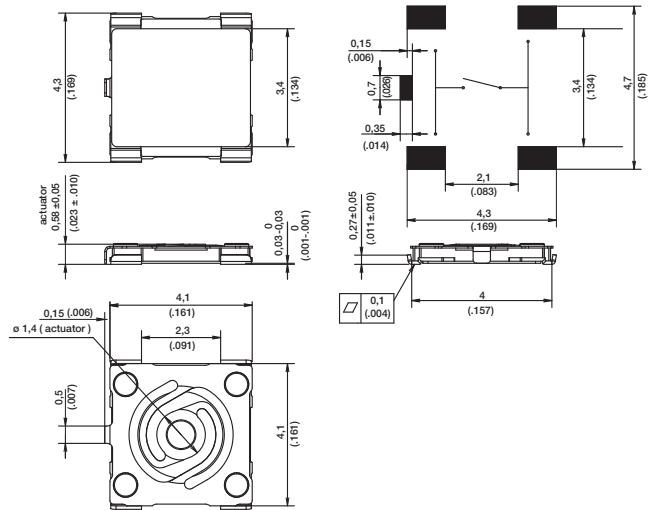
## ACTUATOR

### KMX 1



### PAD LAYOUT

### KMX 2



## TAPE & REEL

