Features

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

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 HF LFS	1.0 (100) ± 0.25	150,000	≥ 10%	0.15 ± 0.1
KMT 221 HF LFS	1.6 (160) ± 0.40	150,000	≥ 30%	0.15 ± 0.1

Electrical

	Silver
MAXIMUM POWER:	0.5 VA
MAXIMUM VOLTAGE:	32 VDC
MINIMUM VOLTAGE:	20 mV
MAXIMUM CURRENT DC:	50 mA
MINIMUM CURRENT DC:	1 mA
DIELECTRIC STRENGTH:	≥ 250 Vrms (1mn)
CONTACT RESISTANCE:	≤ 150 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:
– Lead free reflow soldering process in accordance with IEC 61760-1.

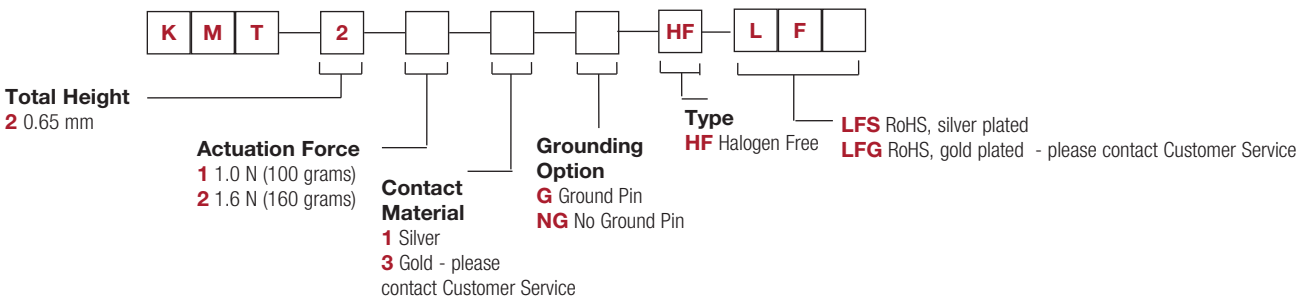
Packaging

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

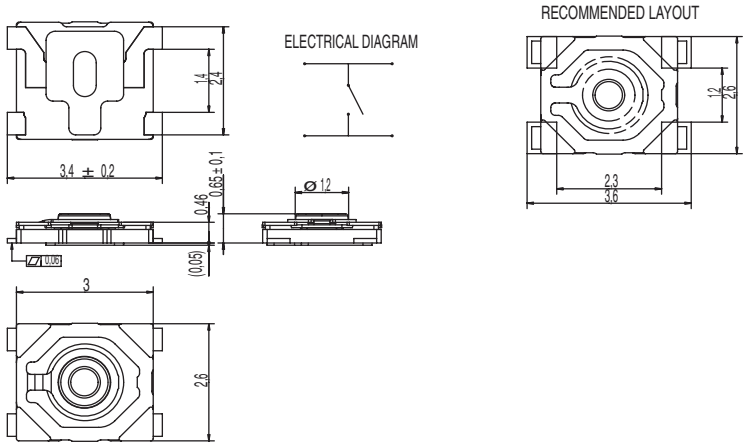
NOTE: Specifications listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

Part Number Description

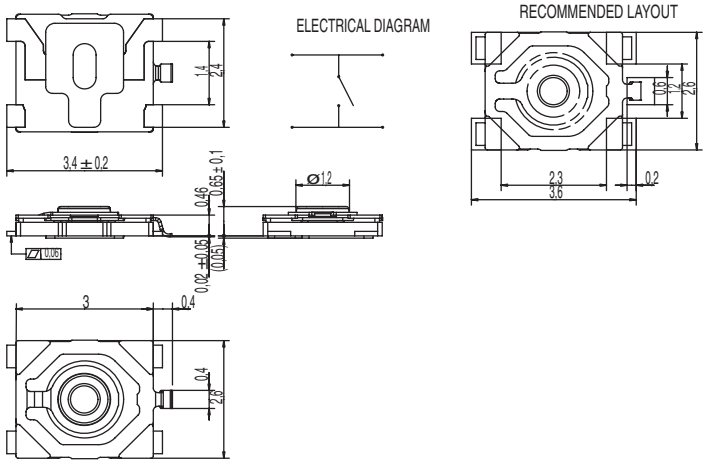
For any part number different from those listed above, please consult your local representative.



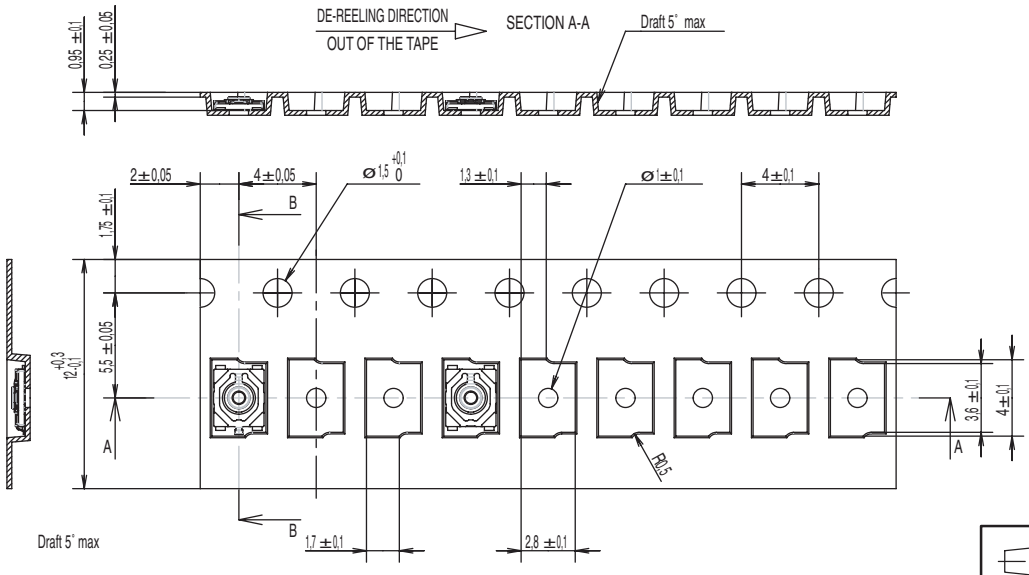
KMT Series – No Ground Pin



KMT Series – With Ground Pin



TAPE & REEL



First Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change