KMT2 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**
- Halogen free

Typical Applications

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



В

Specification

FUNCTION: momentary action

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

TERMINALS: Gullwing type for SMT

Mechanical

	Operating force	Operating	Tactile	
Type G and NG	Newtons (grams)	Life	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: 20mV MAXIMUM CURRENT DC: 50 mA MINIMUM CURRENT DC: 1 mA

DIELECTRIC STRENGTH: ≥ 250 Vrms (1mn) CONTACT RESISTANCE: \leq 150 m Ω 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

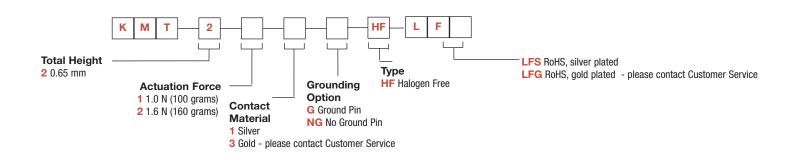
Packaging

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.

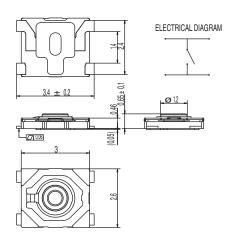
Part Number Description

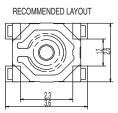
For any part number different from those listed above, please consult your local representative.



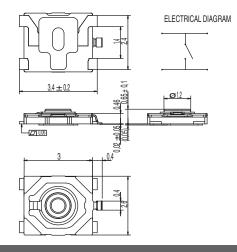


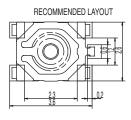
KMT Series - No Ground Pin



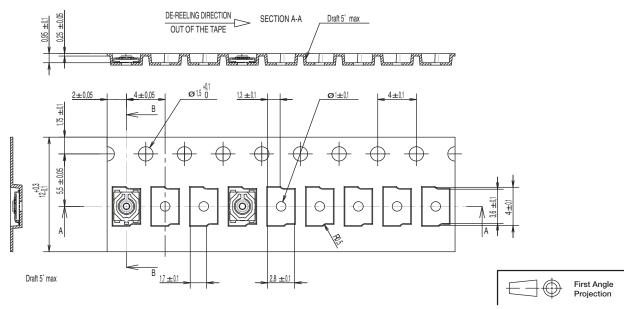


KMT Series – With Ground Pin





TAPE & REEL





Dimensions are shown: mm Specifications and dimensions subject to change