

KST Series

Long Travel Tact Switch for SMT

Features/Benefits

- Rubber actuator
- Silver contact material
- J or G terminals
- Compatible with pick and place machines

Typical Applications

- Front panel
- Car dashboards
- Telephone set
- Instrumentation



Specification

FUNCTION: Momentary
CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
TERMINALS: J Bend or Gullwing type for SMT

Mechanical

MAXIMUM APPLIED FORCE: 40 N (400 grams)

Type	Operating force Fa N (grams)±30%	Operating life (operations)	Travel to make
KST221J	2 (200)	100,000	1,3+0,3/-0.2
KST241J	3.5 (350)	100,000	1,3+0,3/-0.2

Packaging

Switches are delivered on continuous tape and reels of 1,000 pieces, 330 (12.992) external diameter. Other dimensions according to EIA-RS-481 standard.

NOTE: Part numbers listed above do not represent all possible configurations.
For information on specific and custom switches, consult Customer Service Center.

Electrical

SWITCHING POWER MAX.: 0.50 VA
SWITCHING VOLTAGE MIN./MAX.: 20 mV/30 V
SWITCHING CURRENT MIN./MAX.: 1 mA/50 mA

DIELECTRIC STRENGTH (50 Hz, 1 min.): > 250 V
CONTACT RESISTANCE: <100 mΩ
INSULATION RESISTANCE: >10⁹ Ω
BOUNCE TIME: < 5 ms

Environmental

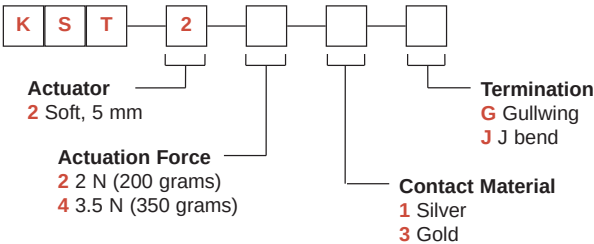
OPERATING TEMPERATURE: -40°C to 125°C
STORAGE TEMPERATURE: -55°C to 125°C

Process

Contact terminals are tin plated.
Infrared soldering process in accordance with CECC 00802
No washing, IP53

How To Order

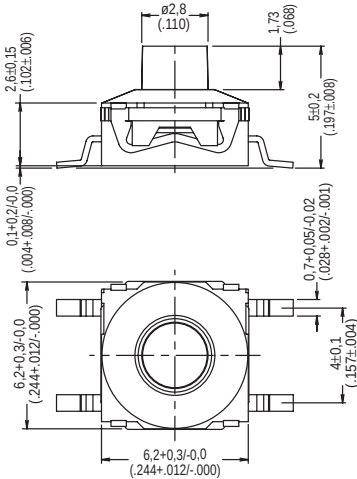
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and and place it in the appropriate box.



KST Series Long Travel Tact Switch for SMT

SERIES

KST

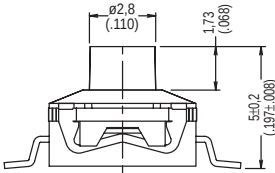


B

Tactile Switches

ACTUATOR

2 SOFT



ACTUATION FORCE

OPTION CODE	OPERATING FORCE
2	2 N (200 grams)
4	3.5 N (350 grams)

CONTACT MATERIAL

1 SILVER

3 GOLD

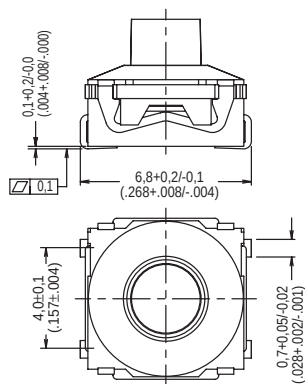
KST Series

Long Travel Tact Switch for SMT

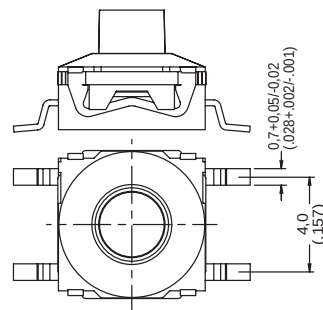
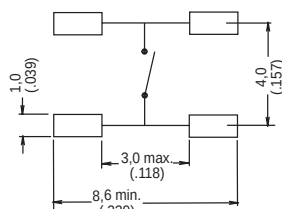
TERMINATION 

J J BEND

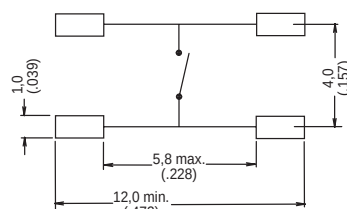
G GULLWING



PAD LAYOUT

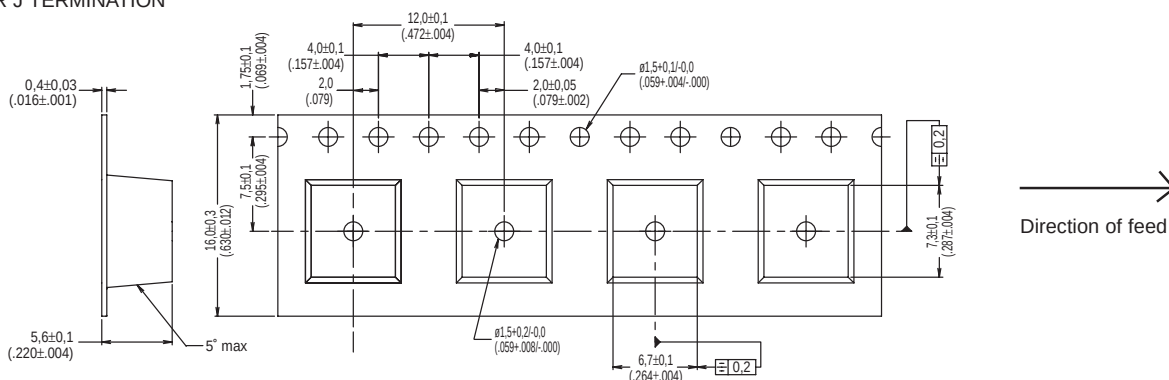


PAD LAYOUT

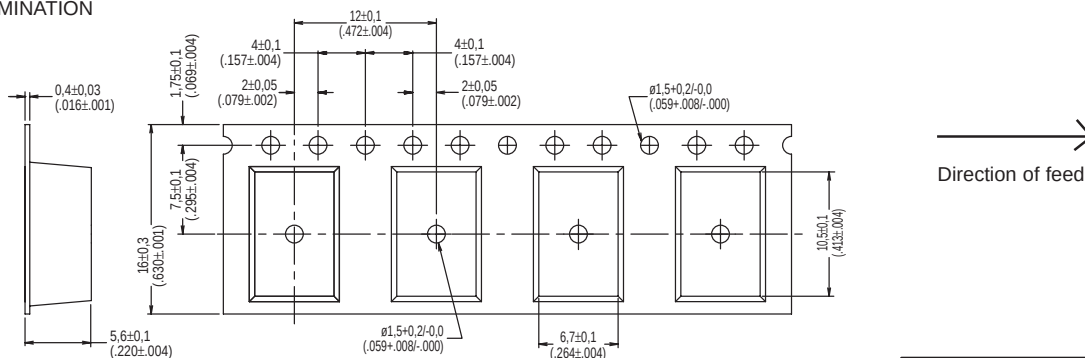


TAPE & REEL

FOR J TERMINATION



FOR G TERMINATION



First Angle
Projection

Dimensions are shown: mm (inch)
Dimensions subject to change



ITT Industries

Cannon