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
- IP40 sealed
- RoHS compliant and compatible

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: 4 KG (4078GF)*

* VALID ONE TIME. MAXIMUM ALLOWED TRAVEL TO AVOID OVERLOAD ISSUES

IS 1.75MM

Туре	Operating force Fa N (grams)±30%	Operating life (operations)	Travel to make
KST221G/J	1,6-3,2	100,000	1,3+0,3/-0.2
KST241G/J	2,45-4,55	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 IEC 60286-3.

This data sheet does not provide enough information for applications which require a certain level of quality or safety such as automotive, medical systems, safety equipment.

Please contact your sales representative to get contractual specification package.

Electrical

SWITCHING POWER MAX .: 1.0 VA 0.2 VA MAXIMUM POWER: 1.0 VA 0.2 VA MAXIMUM VOLTAGE: 32 VDC 32 VDC MINIMUM VOLTAGE: 20 MV 20 MV MAXIMUM CURRENT: 50 MA 10 MA MINIMUM CURRENT: 1 MA 1 MA

DIELECTRIC STRENGTH: $\geq 250 \text{ Vrms}$ CONTACT RESISTANCE: $< 100 \text{m}\Omega$

INSULATION RESISTANCE: Initial measurement: $\geq 1G\Omega$

After damp heat: $\geq 10M\Omega$ BOUNCE TIME: < 5 ms

Environmental

OPERATING TEMPERATURE: -40°C to +85°C (Silver)

-40°C to +125°C (Gold)

STORAGE TEMPERATURE: -40°C to +85°C (Silver)

-40°C to +125°C (Gold)

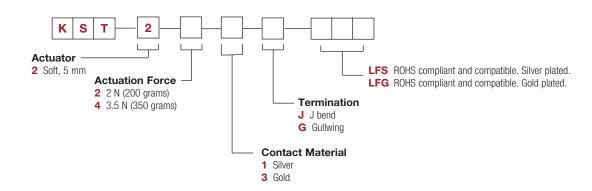
Process

Compatible with the lead free reflow soldering process.

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

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.

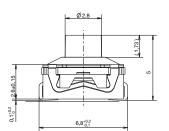




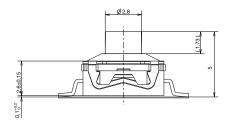
Dimensions are shown: mm Specifications and dimensions subject to change

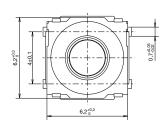
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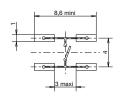
J J BEND

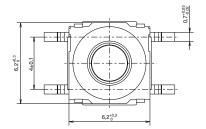


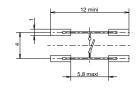






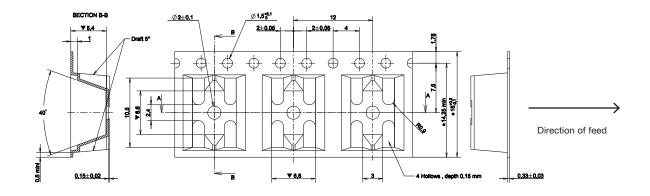






TAPE & REEL

FOR J AND G TERMINATION





www.ckswitches.com

First Angle

Dimensions are shown: mm



Specifications and dimensions subject to change