

KSB & KSF Series Low-profile Tact Switch

[查询"KSB"供应商](#)



Features/Benefits

- Low profile
- Protected against flux
- KSB without top sealing
- KSF with top sealing
- RoHS compliant and compatible

Typical Applications

- Low profile keyboards
- Instrumentation
- Industrial control
- Medical
- Military

B

Specification

CONTACT ARRANGEMENT: SPST, N.O.
DOUBLE OVERMOLDING ON TERMINAL
MEMBRANE SEALING
TERMINALS: PC pins

Mechanical

Type	Actuation force Newtons (grams)	Operating life (operations)
KSB0M110	1.6 (160)	100,000
KSB0M410	3.0 (300)	500,000
KSF0M210	1.3 (130)	100,000
KSF0M310	1.6 (160)	500,000
KSF0M410	3.0 (300)	100,000
KSF0M510	5.0 (500)	100,000
KSF0M910	3.0 (300)	500,000

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

Electrical

MAXIMUM POWER:	1 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 (50 Hz, 1 min.): 300 Vrms

CONTACT RESISTANCE: KSF 100 m Ω; KSB 100 m Ω

INSULATION RESISTANCE (100 V): $\leq 10^9$ Ω

BOUNCE TIME: 1 ms

Environmental

OPERATING TEMPERATURE:	-40°C to 90°C	-40°C to 125°C
STORAGE TEMPERATURE:	-40°C to 90°C	-55°C to 125°C

Process

Wave soldering compatible with lead free soldering profile.

Packaging

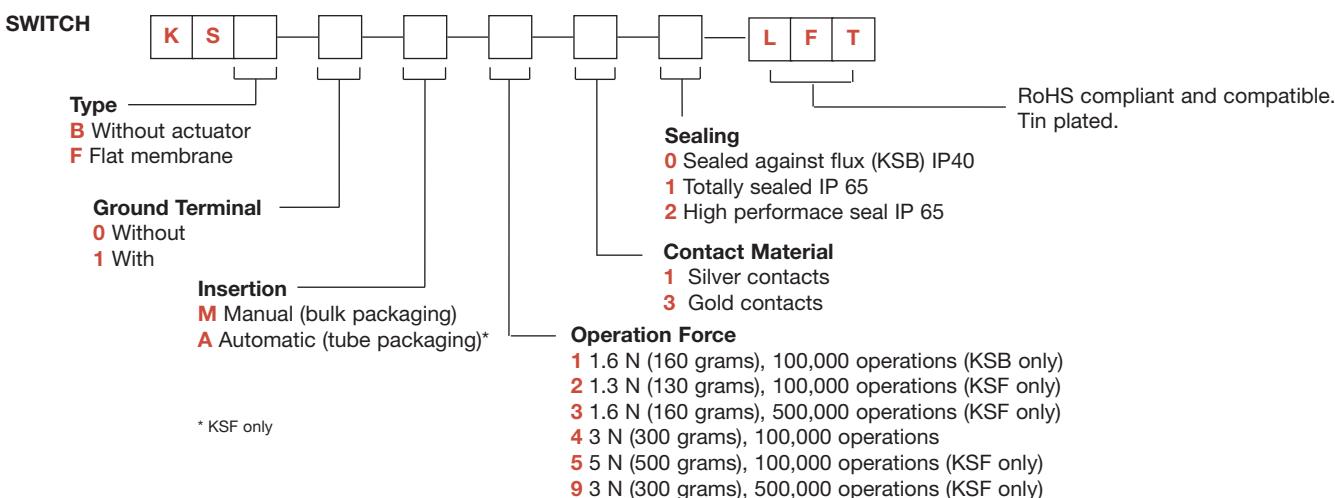
KSF can be delivered in tubes of 65 pieces for automatic insertion.
KSB in boxes of 500 pieces for manual insertion.

How To Order

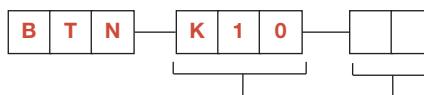
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

However, please note that all the combinations of these options are not feasible.

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



BUTTON for KSF Button must be ordered separately and will be supplied in bulk.



Button Style
K10 10 mm square

Button Color

10 Dark gray	60 Blue
20 Light gray	70 Gray-blue
30 Yellow	80 Ivory
40 Red	90 Black
50 Green	

Dimensions shown in: mm (inch)
Specifications and dimensions subject to change

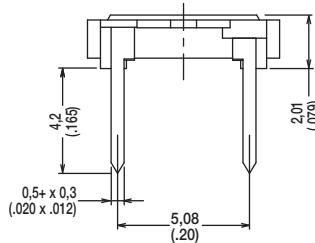
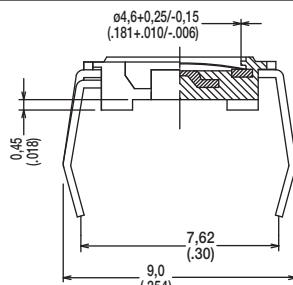
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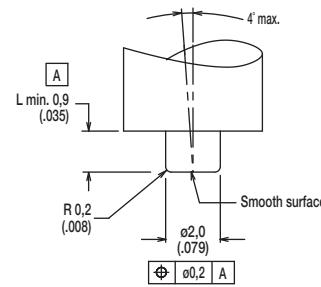
KSB



KSB0M110



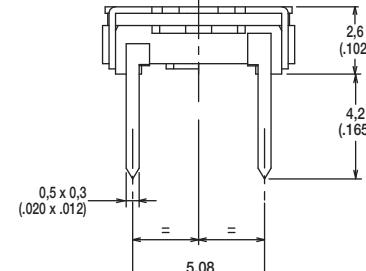
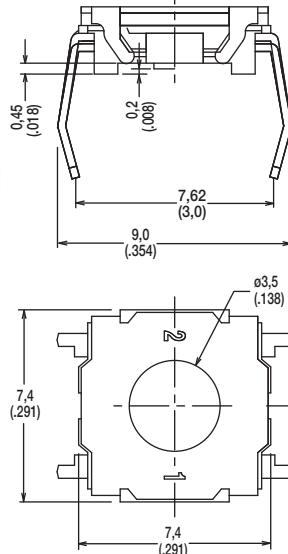
RECOMMENDED SHAPE
OF ACTUATOR



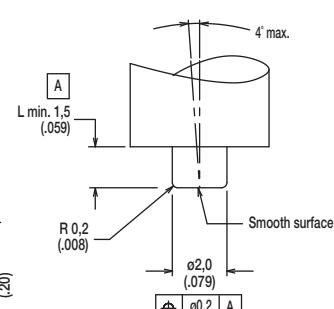
KSF



KSF0M111

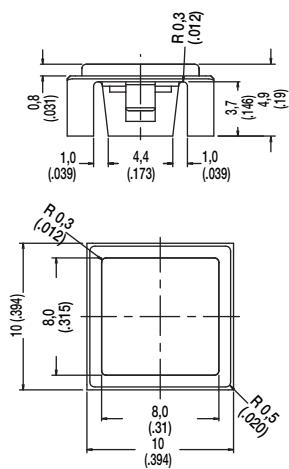
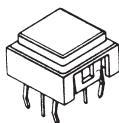


RECOMMENDED SHAPE
OF ACTUATOR



BUTTON

K10 BUTTON FOR KSF ONLY Button must be ordered separately and will be supplied in bulk.



First Angle
Projection

Dimensions shown in: mm (inch)
Specifications and dimensions subject to change



ITT

Cannon