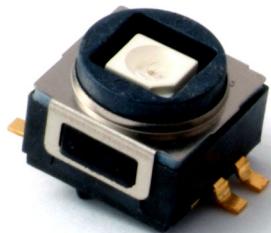


K5AT

Illuminated SMT Tact Switch

**Specifications**

Function	Momentary
Contact Arrangement	Normally Open
Terminals	SMT with positioning pegs; SMT without positioning pegs is available, contact Customer Service
Packaging	Standard: 900 pcs per reel; Reel diameter 380 mm Reduced: 180 pcs per reel; Reel diameter 180 mm

Electrical Characteristics

Min. / Max. Power	0.02 VA - 1.0 VA
Min. / Max. Voltage	20m VDC - 32 VDC
Min. / Max. Current	0.1 mA - 100 mA
Contact Resistance	< 100mΩ
Insulation Resistance	>1G Ω initial, >10M Ω after damp heat
Bounce Time	< 10 ms

Environmental Characteristics

Operating Temperature	-40°C to 125°C
Storage Temperature	-55°C to 125°C
Relative Humidity	90 to 96% according to NF EN 60068-2-30
Protection	Dust protection and flux tight (IP 40)
Overload	40N min

Process

Soldering	Compatible with the lead free soldering profile. No washing. MSL Level: 5
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Description

The K5AT series illuminated SMT tact switch offers high, bright LED lights and reduced space usage on board "2 in 1." It's excellent ergonomics, sharp tactile feel and audible click make it ideal for network infrastructure, telecom and medical applications that need to perform in the harshest environments.

Features & Benefits

- High bright LED's
- Gold plated dome contact offering superior contact reliability in time
- Excellent ergonomics: sharp tactile feel and audible click
- Reduced space usage on board "2 in 1"
- 40 N overload
- Tape and reel
- RoHS compliant and compatible

Applications

- Application requiring illumination
- Server, storage
- Network infrastructure
- Telecom
- Medical

Materials

Contacts	Au over Ni
Terminals	Au over Ni
Housing	Thermoplastic UL94 V0

Mechanical Characteristics

Part #	Actuation Force (N)	Operating Life (operations)	Travel (total travel mm)
K5AT xx 43GP	4.0	100,000	0.45 (0.95)

K5AT

Illuminated SMT Tact Switch

Ordering Number

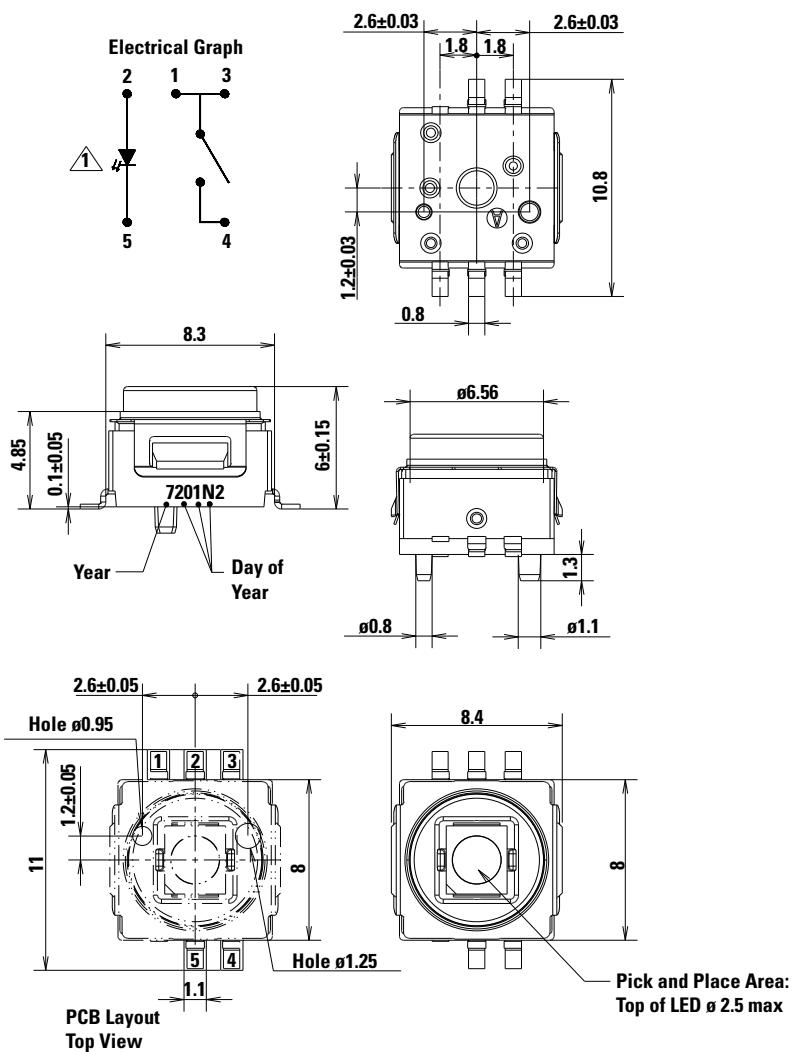
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

K5AT - xx - 4 - 3 - G - x - x**LED color****YE**: Yellow**GN**: Green**RD**: Red**BU**: Blue**WH**: White**GA**: Green apple**Operating Force****4**: 4.0N (400 grams)**Contact Material****3**: Gold (Au)**Packaging**

None (900 pieces per reel)

R: (reduced packaging 180 pieces per reel)**Peg**

None (STD.)

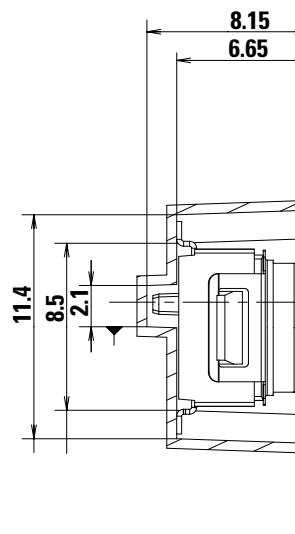
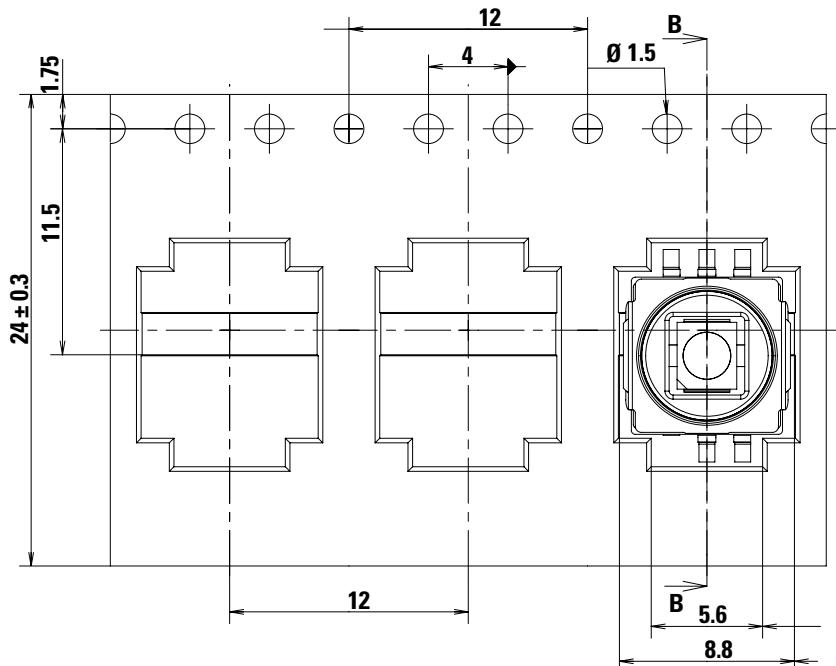
P (with pegs)**Termination****G**: Gulf wing**K5AT Drawings and Dimensions**

K5AT

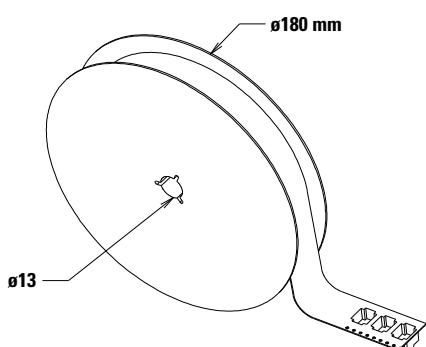
Illuminated SMT Tact Switch

 **Littelfuse®** | **C&K** Switches

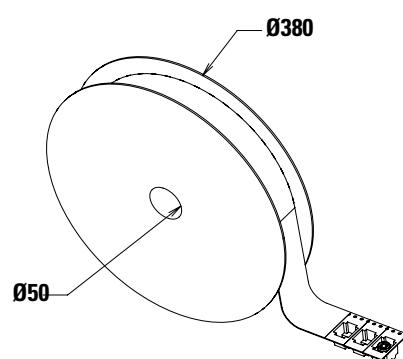
Tape and Reel



Section B-B



900 pieces per reel (Ø380mm)



180 pieces per reel (Ø180mm)

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <http://www.littelfuse.com/disclaimer-electronics>.

 **Littelfuse®**