

K5AT

Lighted SMT Tact Switch

Features

- *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*

Typical Applications

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



Specification

FUNCTION: momentary action

CONTACT ARRANGEMENT: Normally Open

TERMINALS: SMT with positioning pegs as an option

Mechanical

Type	Operating force FA ¹ Newtons (grams)	Operating life (operations)	Travel (total travel) mm(mm)
K5AT WH 43GP	4.0 (400)	100,000	0,5 (0.8)

¹ Tolerances of operating force FA is $\pm 25\%$.

Packaging

900 pieces per reel

Reel \varnothing 380mm

Electrical

POWER MIN/MAX: 0.02VA / 1.0VA

VOLTAGE MIN/MAX: 20mVdc – 32 Vdc

CURRENT MIN/MAX: 0.1mA – 100mA

CONTACT RESISTANCE: <100m Ω

INSULATION RESISTANCE: >1G Ω initial, >10M Ω after damp heat

BOUNCE TIME: <10ms

Environmental

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

Materials

LEAD FREE

CONTACTS: Au over Ni

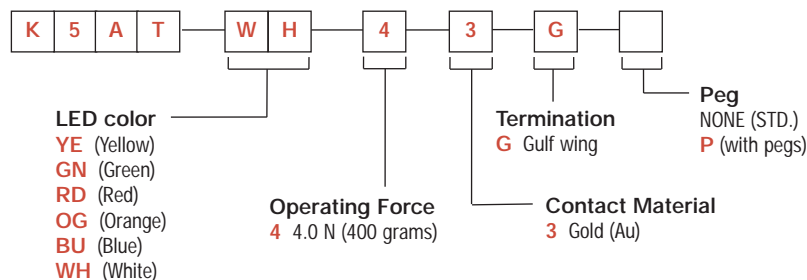
SOLDERING: Au over Ni

HOUSING: Thermoplastic UL94 VO

LED: type P-LCC-2

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.



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