K5AT
Illuminated 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; SMT without positioning pegs is available, contact Customer Service

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
CONTACTS: Au over Ni
SOLDERING: Au over Ni
HOUSING: Thermoplastic UL94 V0

Mechanical

<table>
<thead>
<tr>
<th>Type</th>
<th>Operating force FA (Newtons)</th>
<th>Operating life (operations)</th>
<th>Travel (total travel) (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5AT WH 43GP</td>
<td>4.0 (400)</td>
<td>100,000</td>
<td>0.5 (0.8)</td>
</tr>
</tbody>
</table>

Tolerances of operating force FA is ± 25%.

Packaging
Standard: 900 pcs per reel; Reel diameter 380 mm
Reduced: 180 pcs per reel; Reel diameter 180 mm

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.

LED color
- YE (Yellow)
- GN (Green)
- RD (Red)
- BU (Blue)
- WH (White)
- GA (Green apple)

Operating Force
- 4.0 N (400 grams)

Termination
- G (Gulf wing)

Peg
- NONE (STD.)
- P (with pegs)

Contact Material
- 3 (Gold (Au))

Packaging
- NONE (900 pieces per reel)
- R (reduced packaging 180 pieces per reel)

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ck-components.com
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