K5A2 Series
Snap Action Key Switch Switch



Features/Benefits

- ***Quiet actuation***
- ***Space Saving***
- ***RoHS compliant***

Typical Applications

- ***Automotive***
- ***Computers and network equipment***

Construction

FUNCTION: Momentary action
CONTACT ARRANGEMENT: Normally open
TERMINALS: Gullwing type for SMT

Mechanical

OPERATING FORCE: (6N version) 5,5 + 0,5 -1N
3,7 + 0,8N -0,5N
OPERATING LIFE: 50,000 operations
TOTAL TRAVEL: 0.8 mm +/- 0.2 mm
ELECTRICAL TRAVEL: 0,5 mm +/- 0.1 mm

Packaging

Switches are delivered on continuous tape, in reels of 600 pieces

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

	Gold	Silver
Electrical		
POWER MIN / MAX:	.02 VA / 1 VA	.02 VA / 1 VA
VOLTAGE MIN / MAX:	20 mVDC/50 VDC	20 mVDC/50 VDC
CURRENT MIN / MAX DC:	10µA / 100 mA	1 mA / 100 mA
CONTACT RESISTANCE:	≤ 100 mΩ	≤ 100 mΩ
INSULATION RESISTANCE:	≥ 1GΩ	≥ 1GΩ
BOUNCE TIME:	5 ms	5 ms
Environmental		
OPERATING TEMPERATURE:	-40˚C to +105˚C	-40˚C to +85˚C
STORAGE TEMPERATURE:	-50˚C to +125˚C	-50˚C to +95˚C

Process

SOLDERING: Lead Free reflow compatible in accordance with CEI 60068-2-58 and Nr. 8GD000004

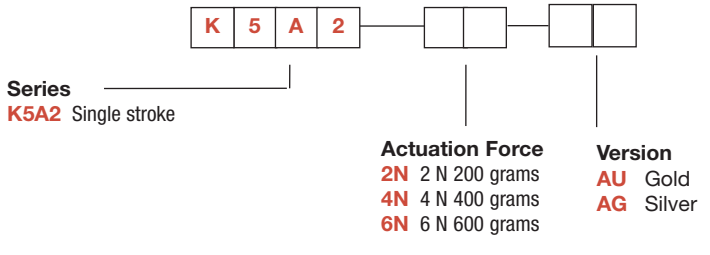
Materials

CONTACTS:	Au over Ni-layer	Ag on Ni-layer
SOLDERING PINS:	Au	Ag

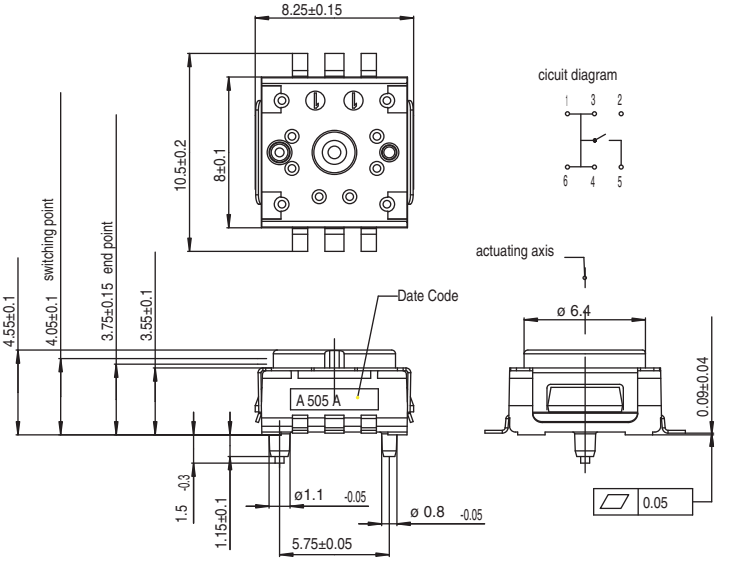
HOUSING: Thermoplastic UL 94 H-B

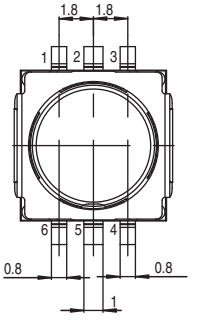
How To Order

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.

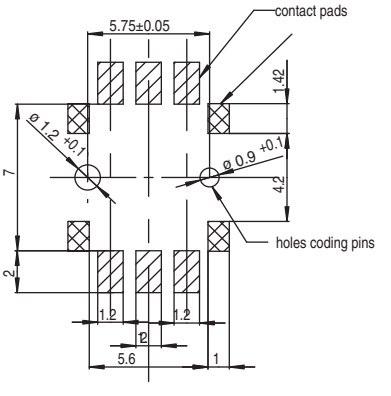


K5A2 SINGLE STROKE VERSION

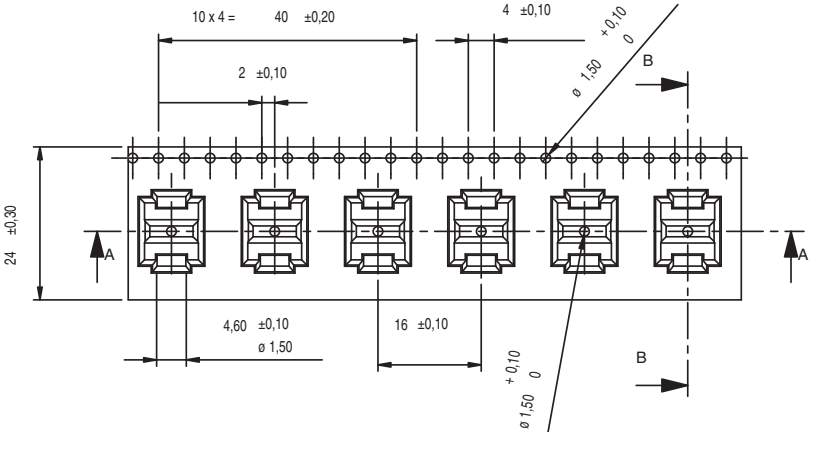


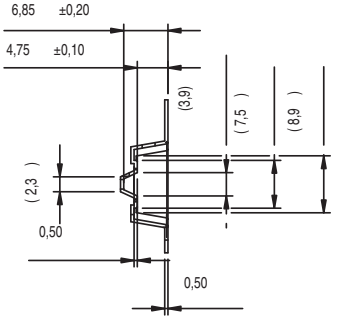


PCB LAYOUT, MOUNTING SIDE



Tape and Reel





First Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change