

KT Series

Tact Switches (Illuminated)



SPECIFICATIONS
CIRCUIT: SPST
FUNCTION: MOMENTARY
CONTACT RATING: 1~50mA @ 5V~24VDC (resistive load)
OPERATING FORCE: Standard Force: 170 ± 40gf
High Force : 260 ± 50gf
TOTAL TRAVEL: 0.25 +0.2/-0.1mm
ELECTRICAL LIFE:
170gf (standard force): 500,000 operations min.
260gf (high force) : 300,000 operations min.
CONTACT RESISTANCE: 100 mΩ max. (initialvalue)
INSULATION RESISTANCE: 100 MΩ min.
DIELECTRIC STRENGTH: 500 RMS @ sea level.
OPERATING TEMPERATURE: -25°C to 70°C.

MATERIALS
CASE: PBT(UL94V-0).
HOUSING: PBT(UL94V-0).
ACTUATOR: PC
TERMINAL/CONTACT: Brass,silver plated.



HOW TO ORDER

KT
Tact Switches

Diagram illustrating the order structure for KT Tact Switches, showing the sequence of options and their corresponding tables.

Order Structure: **KT** — [Cap Size] — [Cap Color] — [LED Q'ty] — [LED Color] — [Contact Material] — [LED Brightness] — [Operating Force] — [Text Combinations]

Cap size
0 10x10mm

Cap color

ITEM NO	COLOR
Single Color Led	
0	Transparent (Std)
1	Milky white (Std)
3	Red
4	Orange
6	Green
7	Blue
Dual Color Led	
0	Transparent (Std)
1	Milky white (Std)

* Besides standard color, other colors need to check stocks available.

LED Q'ty

ITEM NO	COLOR
Single Color Led	
0	Without Led
1	One Led
Dual Color Led	
2	Two Led

LED color

ITEM NO	COLOR
Single Color Led	
0	Without Led
1	White
3	Red
5	Yellow
6	Green
7	Blue
Dual Color Led	
B	Red+Blue
G	Red+Green
Without text combinations	
C	Yellow+Green
D	Yellow+Red
F	Blue+Green

Contact material
Q Silver

LED brightness
0 Without LED
A Super Brightness

Operating force
1 Standard
2 High force

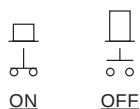
Text combinations

Text combinations	LED color
Single Color Led	
0	Without text combinations
Dual Color Led	
0	Without text combinations
1	"OFF" and "ON"
2	"切" and "入" (close) (open)
3	"X" and "O"
Dual Color LED has only "B" and "G" options	

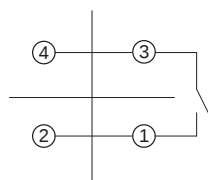
Example:
Single Color Led: KT-0113Q-A10
Dual Color Led:
KT-002BQ-A11(text combinations)
KT-002CQ-A10(Without text combinations)

CIRCUIT

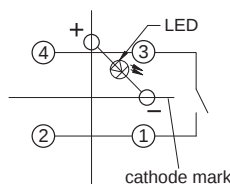
Switch Circuit Diagram



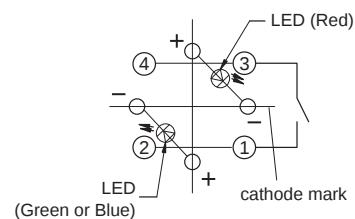
CIRCUIT



Without Led
TOP VIEW



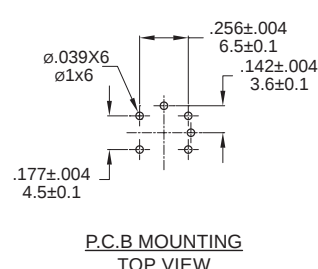
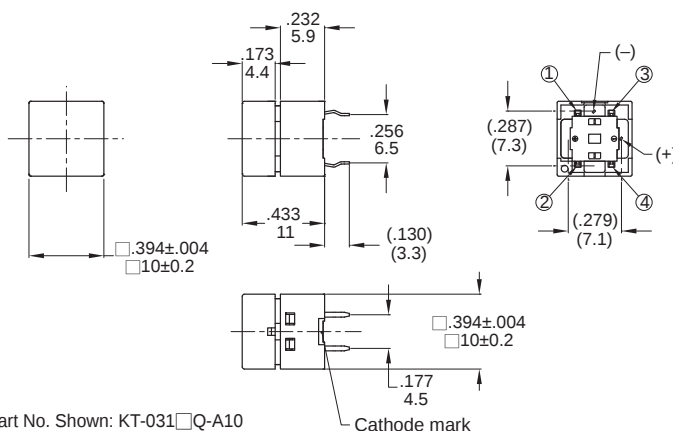
Single Color Led
TOP VIEW



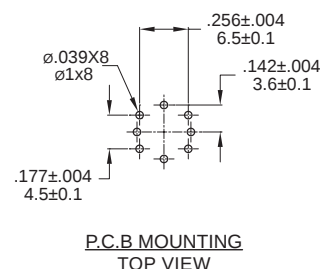
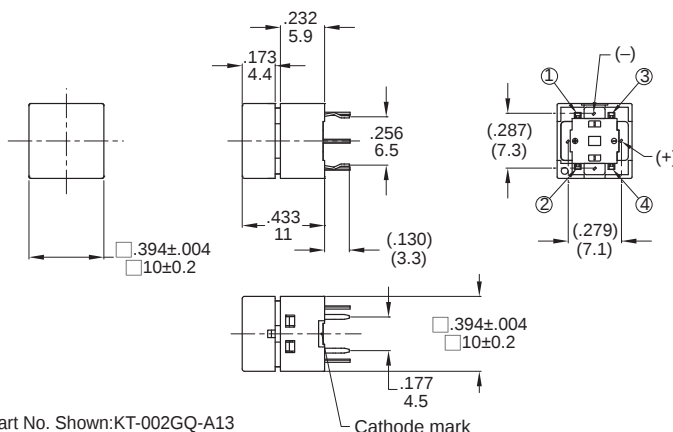
Dual Color Led
TOP VIEW

DIMENSION

One LED



Tow LED



Without LED

