

LCW Series Subminiature Sealed Snap-acting Switches

NEW



UL61058-1



Features/Benefits

- Compact design
- Quick connect, solder terminals, PC terminals, wire leads
- Wide variety of actuator styles
- RoHS compatible, RoHS compliant
- IP67
- New generation price competitive

Typical Applications

- Motorized equipment
- Sump pump
- Thermostatic controls
- Computers
- Air conditioners

Specifications

CONTACT RATING: from low level to 0.1 Amp

ELECTRICAL LIFE: 10,000 cycles

INSULATION RESISTANCE: 100 M ohm min.

DIELECTRIC STRENGTH: 1,000 VAC

OPERATING TEMPERATURE:

-40°C to +120°C

OPERATING FORCE: (see ACTUATOR'S option sections).

MOUNTING: 2-56 screws, torque 2.3 in/lbs max.

Materials

SWITCH HOUSING: PBT

SWITCH COVER: PBT

ACTUATOR BUTTON: PBT

SPRING: SUS

MOVABLE CONTACTS: Copper

STATIONARY CONTACTS: AgNi10

TERMINALS: Brass.

ACTUATOR LEVEL: SUS

RUBBER: Silicone

NOTE: Specifications and materials listed above are for switches with standard options.

For information on specific and custom switches, consult Customer Service center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-44 thru J-47. For additional options not shown in catalog, consult Customer Service Center.

Option Code	UL 61058-1	Operating Force	Actuator	Terminations	Circuitry	Wire Side
01	0.1 A 125/250 V AC	2 203 grams	P00 Pin plunger T00 12 mm short lever T05 17.5 mm short lever T07 19.5 mm short lever T13 25.6 mm lever S26 18.6 mm simulated lever	S Solder Q 0.110 Quick Connect P PC Thru Hole W Wire leads potted	C SPDT W SPST N.C. Y SPST N.O.	A Wire out the bottom (check if available) B Wire out the right side (check if available) D None (Default)



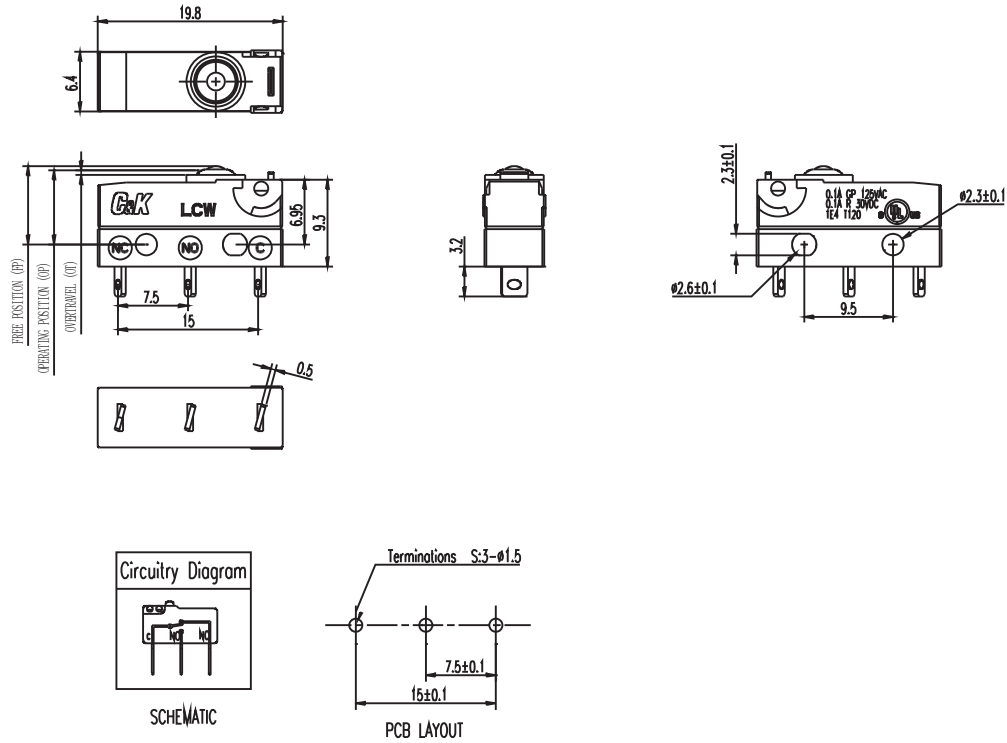
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SERIES

LCW



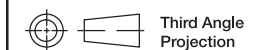
Snap-acting

ELECTRICAL RATING

RoHS COMPLIANT *	RoHS COMPATIBLE *	OPTION CODE	ELECTRICAL RATING
YES	YES	01	0.1 AMP, 125/250 V AC

OPERATING FORCE

OPTION CODE	OPERATING FORCES (grams)
2	203 g. max.



Dimensions are shown: mm
Specifications and dimensions subject to change



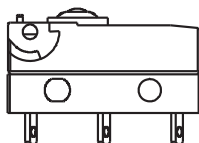
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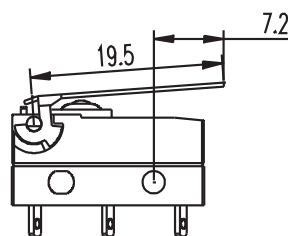
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ACTUATOR 

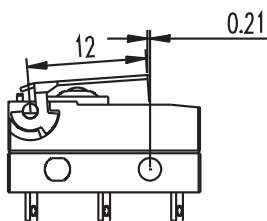
P00



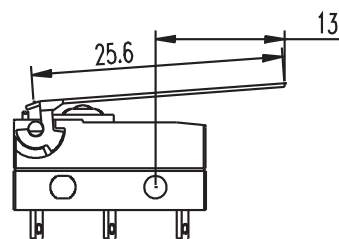
T07



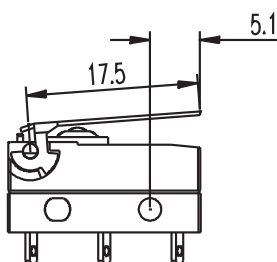
T00



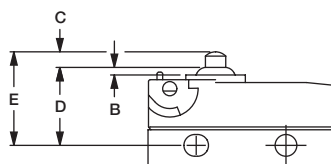
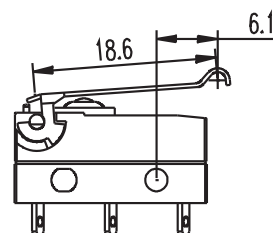
T13



T05



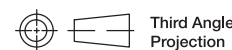
S26



Snap-acting

Actuator Option Code	A	B	C	D	E	Differential Motion (max)	Operating Force (Max)	Release Force (Min)
	Length of Lever	Overtravel (min)	Pretravel (max)	Operating Position	Free Position (max)			
P00	Not Appli- cable	0.6	1	8.7±0.3	9.4	0.9	203	30
T00	12	0.6	4.9	8.8±1.2	12.5	1	100	15
T05	17.5	0.6	5.7	8.8±1.5	13	1.2	90	10
T07	19.5	0.6	6.2	8.8±1.5	13.5	1.2	70	10
T13	25.6	1	4.7	8.8-11.24	13.5	1.5	54	5
S26	18.6	0.6	4.6	10.7±1.2	14.1	1.5	68	5

Dimensions are in mm and force in grams



Third Angle
Projection

C&K

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Dimensions are shown: mm
Specifications and dimensions subject to change

NEW

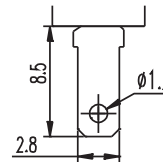
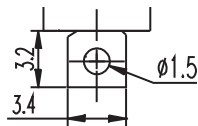
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TERMINATIONS

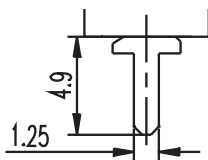


S SOLDER

Q QUICK CONNECT 2.8mm / 0.110"



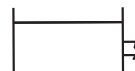
P PC THRU HOLE



W "A" WIRE ORIENTATION OUT THE BOTTOM
"W" CIRCUITRY



W "B" WIRE ORIENTATION OUT THE RIGHT SIDE
"W" CIRCUITRY



Snap-acting

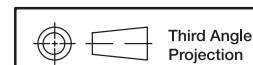
CIRCUITRY



C SPDT (Single Pole, Double Throw)

W SPST N.C. (Single Pole, Single Throw, Normally Closed)

Y SPST N.O. (Single Pole, Single Throw, Normally Open)



Third Angle
Projection

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Mouser Electronics

Authorized Distributor

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