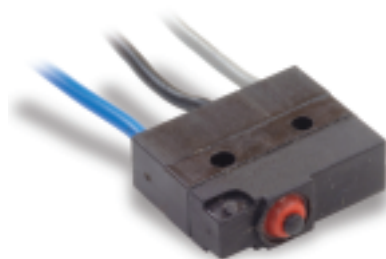


LCS Series

Subminiature Sealed Snap-acting Switches



Features/Benefits

- **Compact design**
- **Long life and high electrical capacity**
- **Quick connect, solder terminals, PC terminals, wire leads**
- **Wide variety of actuator styles**
- **RoHS compatible**

Typical Applications

- **Motorized equipment**
- **Sump pump**
- **Thermostatic controls**



Specifications

CONTACT RATING: 3(1)A 250 VAC T85
6A 125 VAC

ELECTRICAL LIFE: 6,000 cycles at 6 AMPS @ 125 V AC UL
10,000 cycles at 3(1) Amp 250 V AC ENEC

INSULATION RESISTANCE: 100 M ohm min.

DIELECTRIC STRENGTH: 1,500 Vrms min. @ sea level.

OPERATING TEMPERATURE: -40°C to +105°C

OPERATING FORCE: 60 grams and 150 grams at actuator button
MAX. Forces are less at free end of lever actuators;
(see ACTUATOR'S option sections).

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

Materials

SWITCH HOUSING: Thermoplastic polyester or high temperature thermoplastic (PTS) (UL 94V-0).

ACTUATOR BUTTON: Thermoplastic polyester.

SPRING: Copper alloy.

PIVOT: Copper alloy.

MOVABLE CONTACTS: Silver nickel

STATIONARY CONTACTS: Silver nickel on copper alloy.

TERMINALS: Copper alloy.

ACTUATOR LEVEL: Stainless steel.

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 K-27 thru K-29. For additional options not shown in catalog, consult Customer Service Center.

Series LCS SP, Mom.		Contact Rating 06A 6A, 125 V AC 3 (1)A 250 VAC T85		Operating Force 060 60 grams 150 150 grams		Actuator P00 Pin plunger L03 .118 (3mm) short lever L19 .748 (19mm) lever L27 1.055 (27mm) lever		Terminations S Solder Q .110 Quick Connect P PC Thru Hole L Left Form PC R Right Form PC W Wires		Circuitry C SPDT W SPST N.C. Y SPST N.O.	
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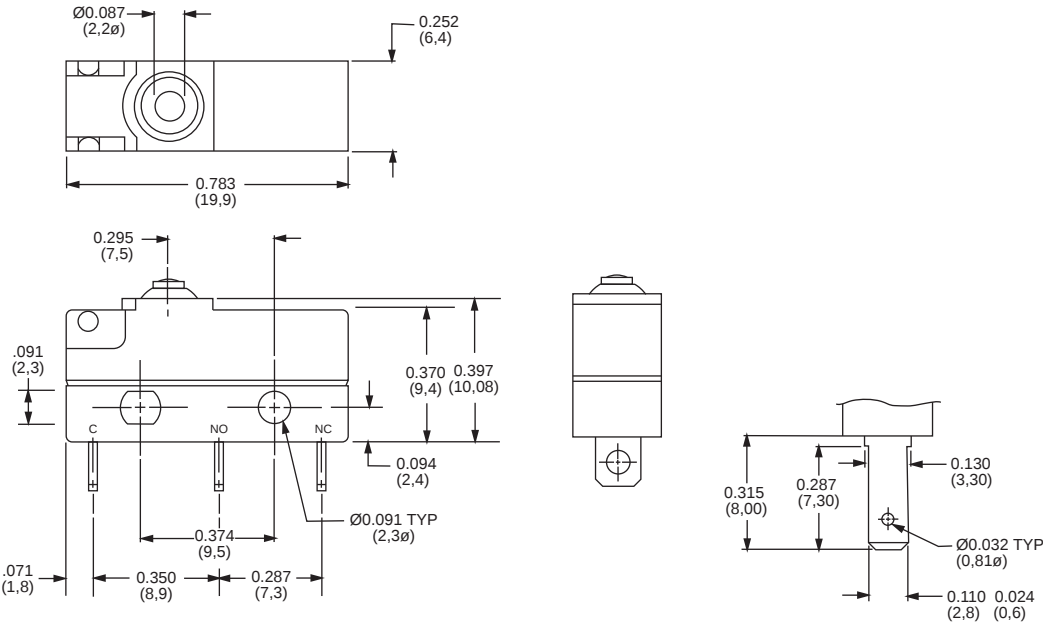


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

LCS Series

Subminiature Sealed Snap-acting Switches

LCS



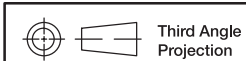
ELECTRICAL RATING

RoHS COMPLIANT *	RoHS COMPATIBLE *	OPTION CODE	ELECTRICAL RATING	
YES	YES	06A	3(1)A 250 V AC T85 6A 125 VAC	

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.
 ** For electrical rating below .1 Amp, contact customer service.

OPERATING FORCE

OPTION CODE	OPERATING FORCES (grams)
060	60 grams max.
150	150 grams max



Dimensions are shown: Inch (mm)
 Specifications and dimensions subject to change

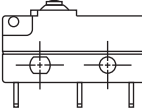
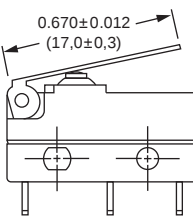
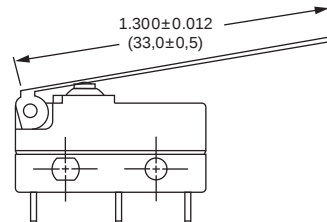
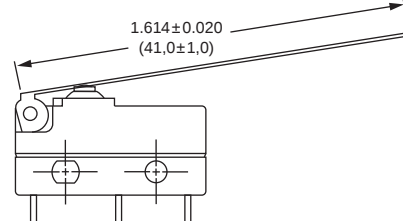


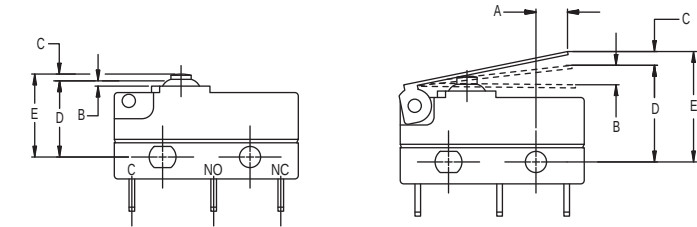
LCS Series
Subminiature Sealed Snap-acting Switches

ACTUATOR 



Snap-acting

P00	
L03	
L19	
L27	



ACTUATOR OPTION CODE	A	B	C	D	E	FORCE (GRAMS)	
	LENGTH OF LEVER	OVER TRAVEL (MIN)	PRE TRAVEL (MAX)	OPERATING POSITION	FREE POSITION (MAX)	060	150
P00	N/A	0.24 (0,60)	0.039 (1,0)	0.335±.016 (8,5±0,4)	0.374 (9,5)	60±20	150±45
L03	0.110±.039 (2,8±1,0)	0.047 (1,20)	0.142 (3,6)	0.370±.039 (9,4±1,0)	0.476 (12,1)	20±10	50±20
L19	0.728±.059 (18,5±1,5)	0.079 (2,0)	0.284 (7,2)	0.406±.059 (10,3±1,5)	0.610 (15,5)	10±8	24±20
L27	1.039±.059 (26,4±1,5)	0.095 (2,4)	0.354 (9,0)	0.421±.059 (10,7±1,5)	0.689 (17,5)	8±6	20±15

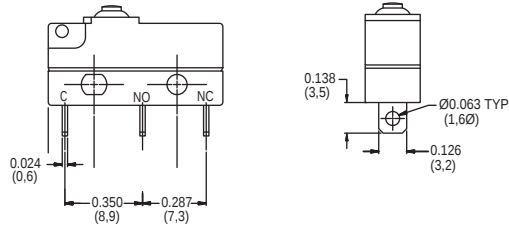


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

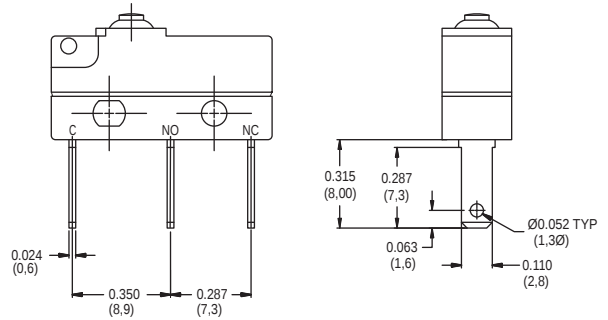
LCS Series Subminiature Sealed Snap-acting Switches

TERMINATIONS

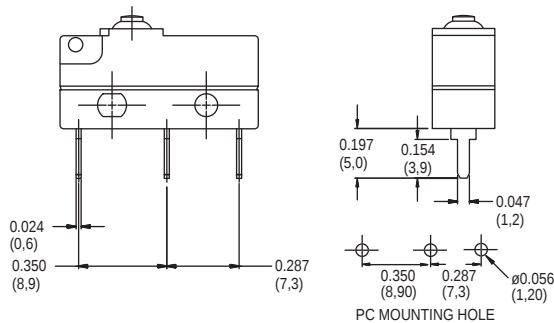
S SOLDER



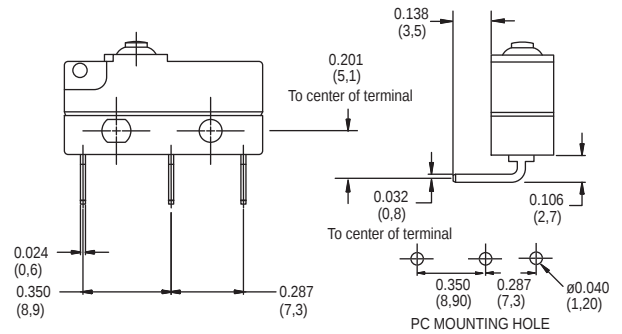
Q QUICK CONNECT



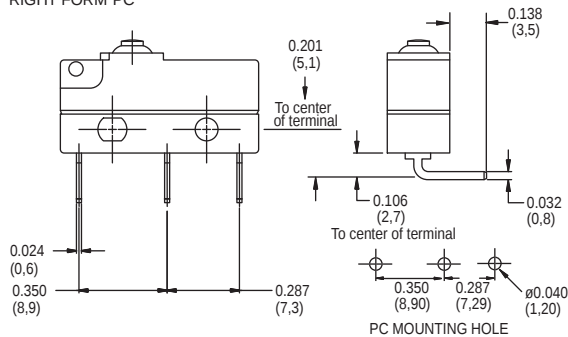
P PC THRU HOLE



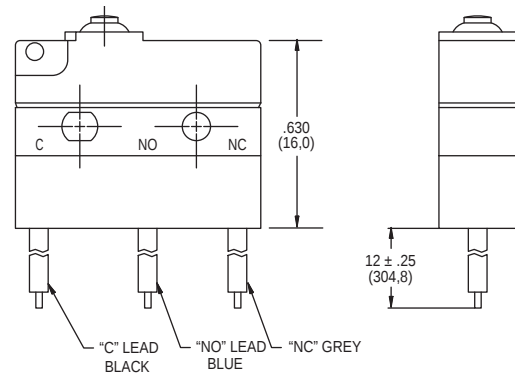
L LEFT FORM PC



R RIGHT FORM PC



W WIRES



K

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)



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change