

# L Series

## Miniature Slide Switches



### Description

Those designing communications equipment and lighting devices turn to the L series miniature slide switch. L series switches feature positive detent, enclosed housing and your choice of maintained or momentary functions and PC or panel mounting.

### Features & Benefits

- Positive detent
- Enclosed housing
- Maintained and momentary functions
- PC and panel mounting
- RoHS compliant

### Applications

- Communications equipment
- Lighting devices

### Agency Approvals

Agency	Agency File Number
	E42363

### Specifications

<b>Contact Rating</b>	Q contact material (LX0X, LX1X models): 4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 V AC; 0.5 amp @ 125 V DC (UL).
<b>Electrical Life</b>	10,000 make-and-break cycles at full load.
<b>Contact Resistance</b>	Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.
<b>Insulation Resistance</b>	10 <sup>9</sup> Ω min.
<b>Dielectric Strength</b>	1,000 Vrms min. @ sea level.
<b>Operating Temperature</b>	-30°C to 65°C
<b>Storage Temperature</b>	-30°C to 85°C

### Materials

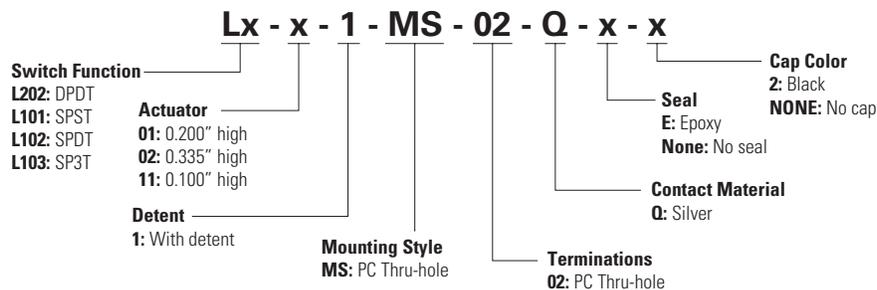
<b>Housing</b>	6/6 nylon (UL94-V2), black.
<b>Actuator</b>	6/6 nylon (UL94-V2), black. '13' actuator, natural (standard).
<b>Contacts</b>	Q contact material: Copper, silver plated.
<b>Terminals</b>	
<b>Contact Spring</b>	Music wire or stainless steel.
<b>Terminal Seal</b>	Epoxy.

**Notes:**

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

### Ordering Number

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 place it in the appropriate box.



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### Switch and Lock Function

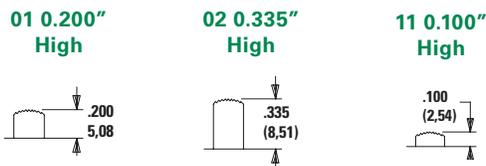
No. Poles	Model No.	Switch Function	Schematic	Available Mounting Styles
SP	L101	SPST		MS
	L102	SPDT		
	L103	SP3T		

No. Poles	Model No.	Switch Function	Schematic	Available Mounting Styles
DP	L202	DPDT		MS

Notes: Contacts make on side actuator thrown.

### Actuator

#### Actuator Options for MS Mounting Style



Notes: No actuator color option code is required. Standard actuator color is black, other colors and heights available, consult Customer Service Center.

Option Code	Actuator Cap Colors
2	Black for 01 and 02 actuators
None	No cap

### Detent

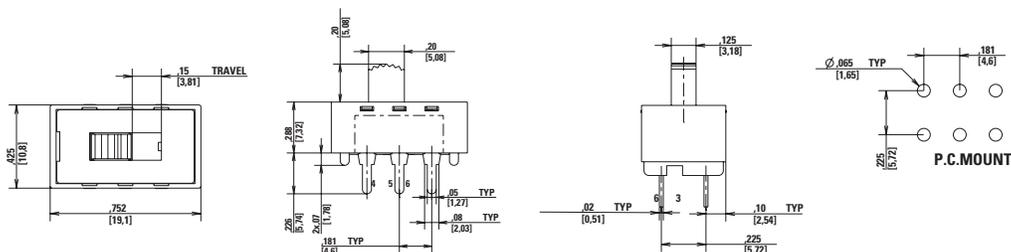
#### 1 With Detent

Standard with all maintained models: L101, L102, L103 and L202.

### Mounting Styles

#### MS PC Thru-hole, 2 Position Models

#### L20201MS02Q (DPDT)



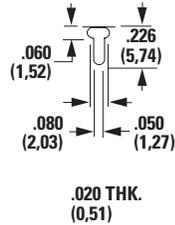
Available with:  
**Models:** L101, L102, L103 and L202  
**Terminations:** 02  
**Actuators:** 01, 02 and 11  
**PC Mounting:** 02

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**Terminations inches (mm)**  
**MS Mounting Style**  
**02 PC Thru-hole**



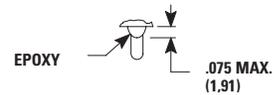
**Contact Material**

Option Code	Contact Material	Ratings	
Q	Silver	Power	LX0X models: 4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 V AC; 0.5 amp @ 125 V DC (UL). LX6X models: 4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 V AC(UL).

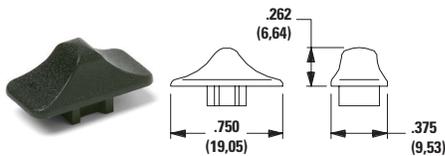
**Seal**

**None No Seal**

**E Epoxy Seal**



**Cap Compatible with 02 actuators**



Part No.  
 120100602 Black  
 Material: Nylon  
 Finish: Matte

**Notes:** Other colors available, consult Customer Service Center.

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