

## SPECIFICATIONS

Electrical Ratings	100mA @ 30VDC
Electrical Life	100,000 cycles typical
Contact Resistance	< 50 mΩ initial
Actuation Force	180 +/- 50gF
Actuator Travel	1.5 mm to lock 2.5 mm full travel
Dielectric Strength	1000Vrms min
Insulation Resistance	> 100MΩ min
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C



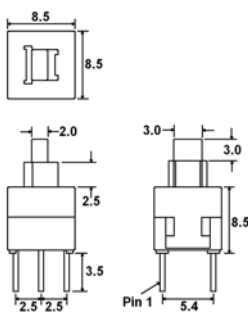
## MATERIALS ←RoHS COMPLIANT

Actuator	Acetal
Housing	PBT
Cover	Acetal
Latching Pin	Stainless Steel
Spring	Stainless Steel
Contacts	Phosphor Bronze, Silver Plated
Terminals	Brass, Silver Plated

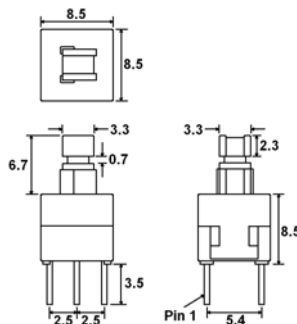
## ORDERING INFORMATION

<b>1. Series:</b>		LP2203		F180	N	Z	A
<b>2. Actuation Force:</b>							
F180 = 180gF							
<b>3. Latching:</b>							
N = Non-latching							
L = Latching							
<b>4. Actuator Options:</b>							
X = 2mm X 3mm head							
Y = 3.3 square head							
Z = 2.8 square head							
<b>5. Termination:</b>							
A = PC Pins, straight							
B = PC pins with bend							
<b>6. Caps:</b>				<b>Cap Colors:</b>			
Blank = No Cap	C04	C13	C17	C23			
C01	C05	C14	C18	C24	<b>**See Cap Options for color availability</b>		
C02	C11	C15	C19	C25	<b>**Caps available with Y &amp; Z actuators only</b>		
C03	C12	C16	C22				

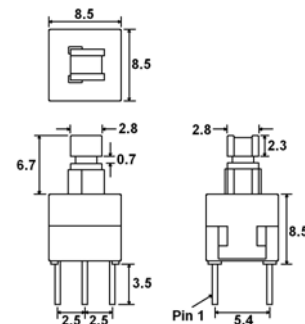
## DIMENSIONS



**X**

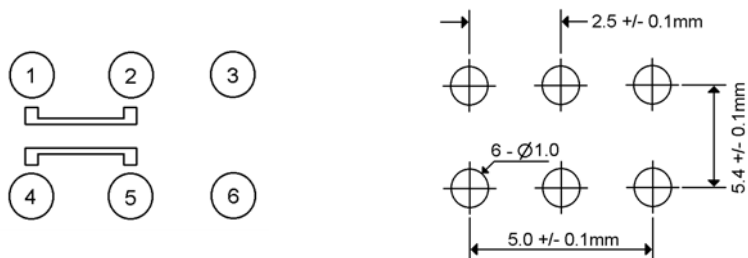


**Y**

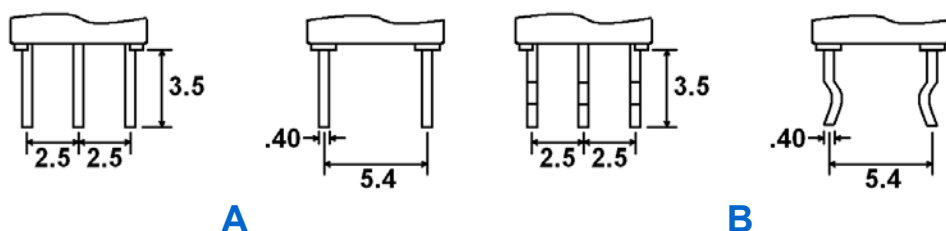


**Z**

## SCHEMATIC & PC LAYOUT




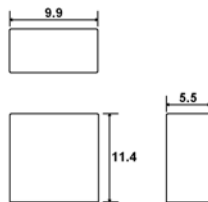

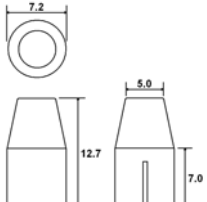

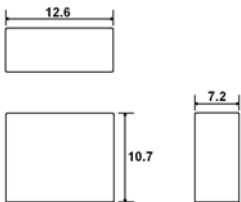

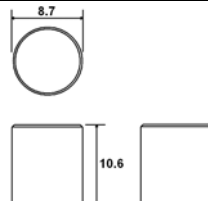

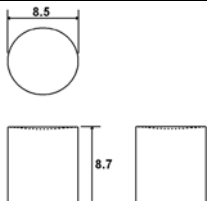

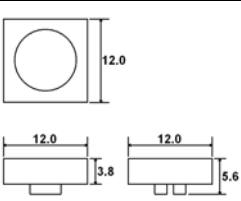

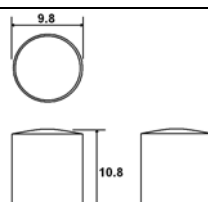

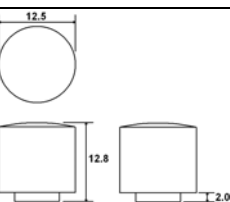

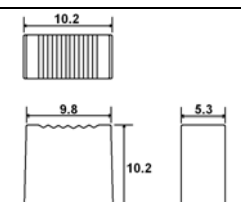

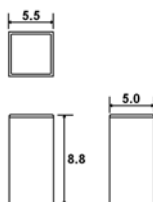

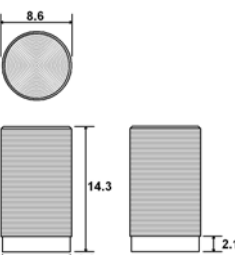

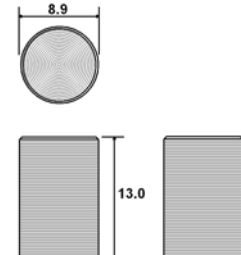

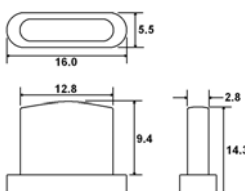
## TERMINATION



## CAP OPTIONS ←FOR Z ACTUATOR

<b>C01_</b> 1 = White, 2 = Black, 3 = Red, 9 = Light Gray Contact Factory for other available colors		<b>C02_</b> 1 = White, 2 = Black, 3 = Red, 9 = Light Gray Contact Factory for other available colors		<b>C03_</b> 1 = White, 2 = Black, 3 = Red, 9 = Light Gray Contact Factory for other available colors	
<b>C04_</b> 1 = White, 2 = Black, 3 = Red, 9 = Light Gray Contact Factory for other available colors		<b>C05_</b> 1 = White, 2 = Black, 3 = Red, 9 = Light Gray Contact Factory for other available colors			

## CAP OPTIONS ←FOR Y ACTUATOR

					
<b>C11_</b> 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors		<b>C12_</b> 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors		<b>C13_</b> 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors	
					
<b>C14_</b> 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors		<b>C15_</b> 2 = Black, 0 = Clear Contact Factory for other available colors		<b>C16_</b> 1 = White, 2 = Black, 3 = Red, 7 = Blue Contact Factory for other available colors	
					
<b>C17_</b> 2 = Black, 0 = Clear Contact Factory for other available colors		<b>C18_</b> 1 = White, 2 = Black, 9 = Light Gray Contact Factory for other available colors		<b>C19_</b> 1 = White, 2 = Black, 3 = Red, 8 = Dark Gray Contact Factory for other available colors	
					
<b>C22_</b> 2 = Black, 8 = Dark Gray, 9 = Light Gray Contact Factory for other available colors		<b>C23_</b> 0 = Metallic Contact Factory for other available colors		<b>C24_</b> 0 = Metallic Contact Factory for other available colors	
					
<b>C25_</b> 2 = Black, 8 = Dark Gray, 9 = Light Gray Contact Factory for other available colors					