

## 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



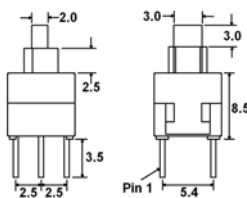
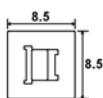
## MATERIALS ←RoHS COMPLIANT

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

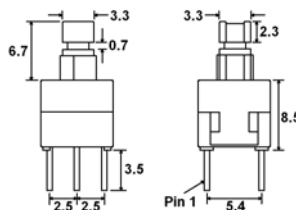
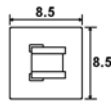
## ORDERING INFORMATION

<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>	Blank = No Cap	C04	C13	C17	C23
	C01	C05	C14	C18	C24
	C02	C11	C15	C19	C25
	C03	C12	C16	C22	
	<b>Cap Colors:</b> **See Cap Options for color availability **Caps available with Y & Z actuators only				

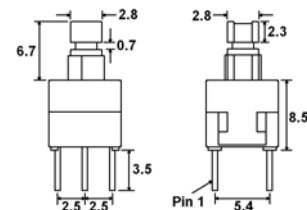
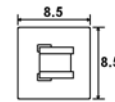
## DIMENSIONS



**X**

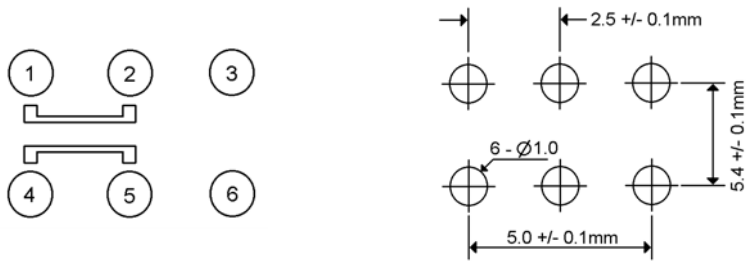


**Y**

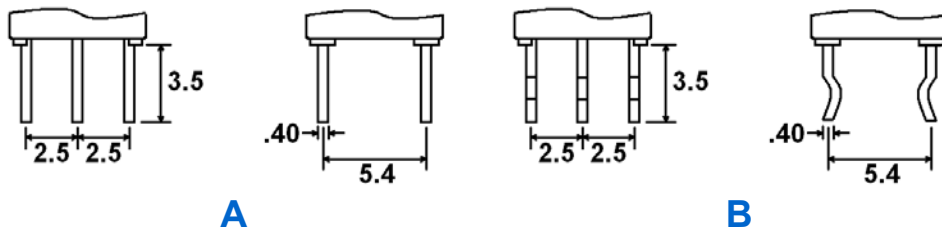


**Z**


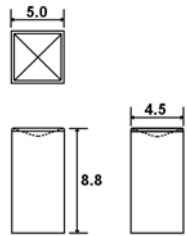

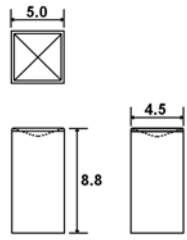

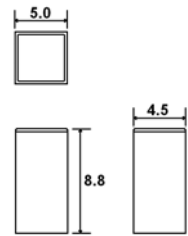
## SCHEMATIC & PC LAYOUT


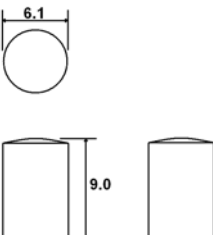
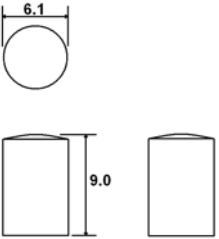
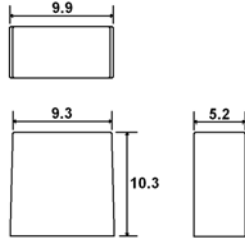


## TERMINATION


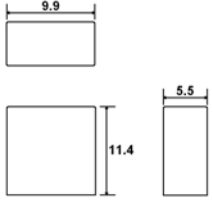

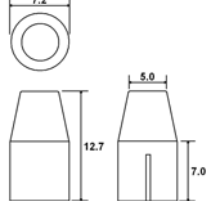

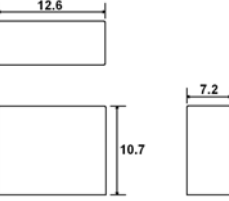

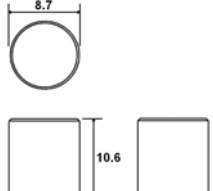

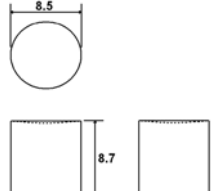
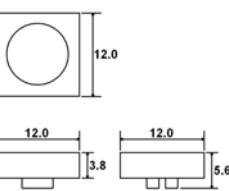

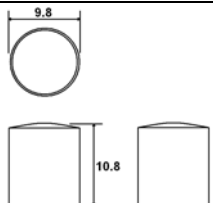

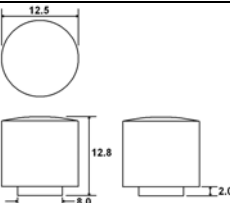

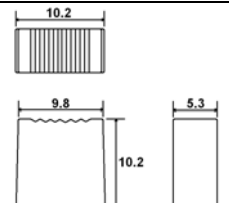

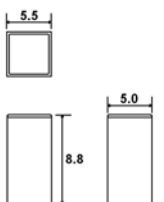

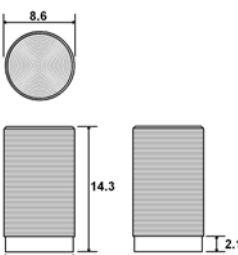

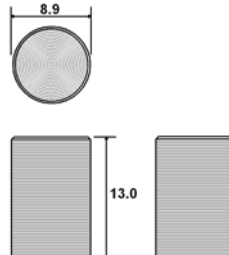

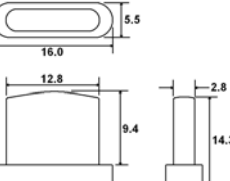


## CAP OPTIONS ←FOR Z ACTUATOR

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

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

## CAP OPTIONS ←FOR Y ACTUATOR

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