

**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

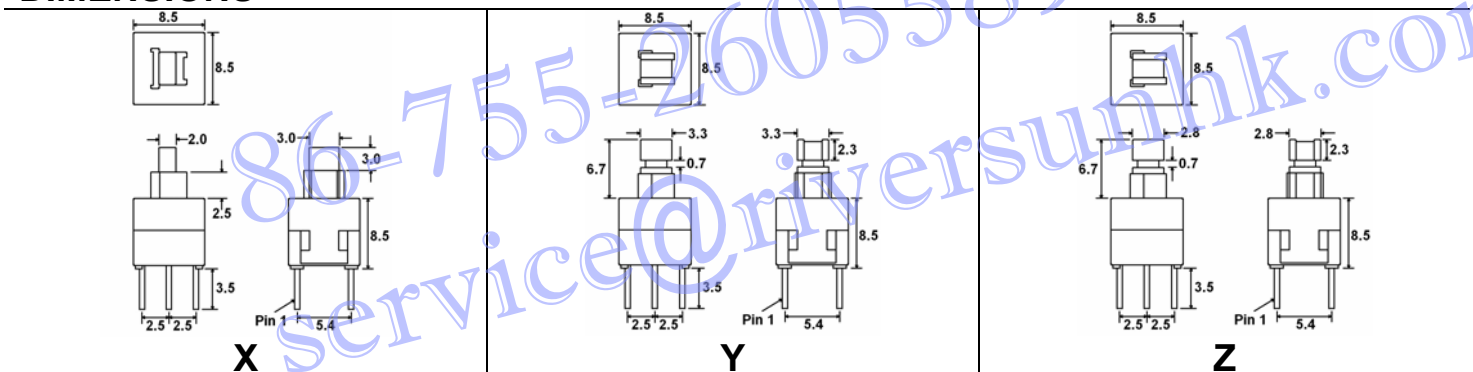
Actuator	Acetal
Housing	PBT
Cover	Acetal
Latching Pin	Stainless Steel
Spring	Stainless Steel
Contacts	Phosphor Bronze, Silver Plated
Terminals	Brass, Silver Plated

**ORDERING INFORMATION**

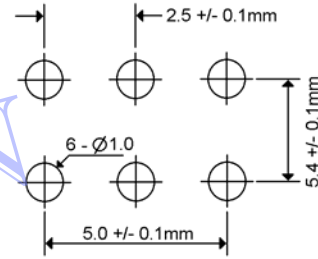
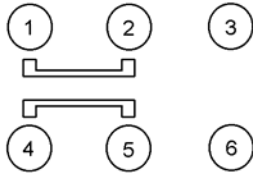
<b>1. Series:</b>	LP2203	F180	N	Z	A
<b>2. Actuation Force:</b>	F180 = 180gF				
<b>3. Latching:</b>	N = Non-latching L = Latching				
<b>4. Actuator Options:</b>	X = 2mm X 3mm head Y = 3.3 square head Z = 2.8 square head				
<b>5. Termination:</b>	A = PC Pins, straight E = PC pins with bend				
<b>6. Caps:</b>	Blank = No Cap	C04	C13	C18	C27
	C01	C05	C15	C19	C28
	C02	C11	C16	C22	
	C03	C12	C18	C26	

**Cap Colors:**  
\*\*See Cap Options for color availability  
\*\*Caps available with Y & Z actuators only

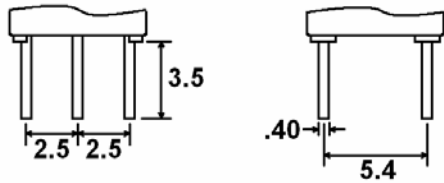
**DIMENSIONS**



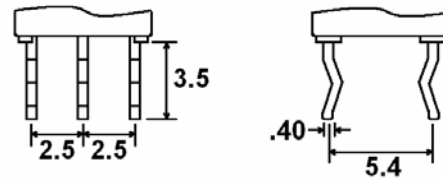
**SCHEMATIC & PC LAYOUT**



**TERMINATION**

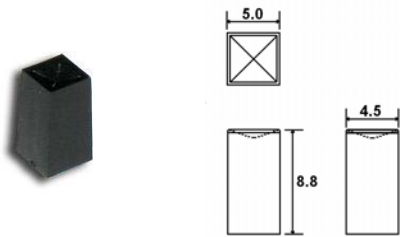


**A**



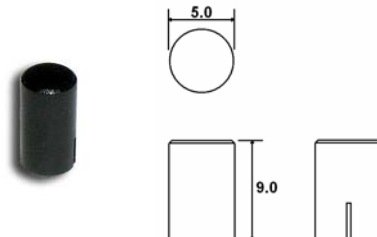
**E**

**CAP OPTIONS ←FOR Z ACTUATOR**



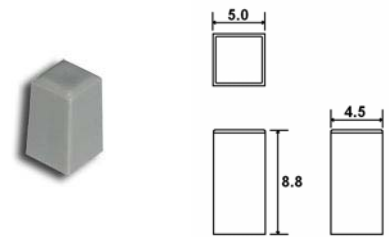
**C01\_**

1 = White, 2 = Black, 3 = Red, 9 = Light Gray  
 Contact Factory for other available colors



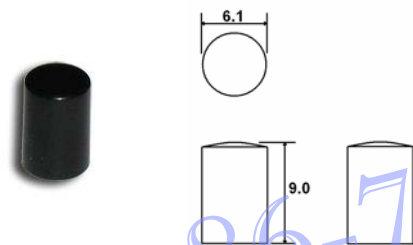
**C02\_**

1 = White, 2 = Black, 3 = Red, 9 = Light Gray  
 Contact Factory for other available colors



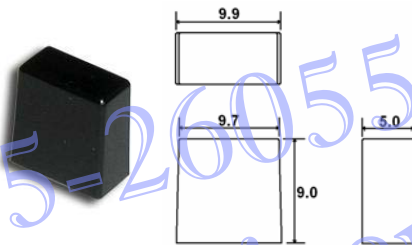
**C03\_**

1 = White, 2 = Black, 3 = Red, 9 = Light Gray  
 Contact Factory for other available colors



**C04\_**

1 = White, 2 = Black, 3 = Red, 9 = Light Gray  
 Contact Factory for other available colors


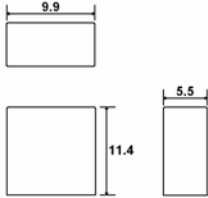

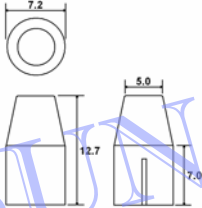

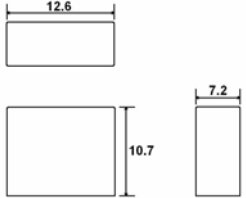

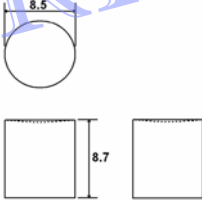

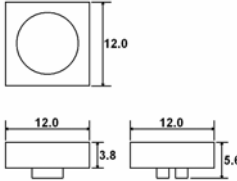

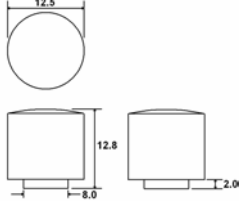

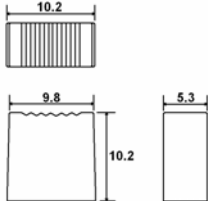

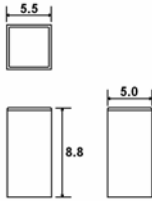

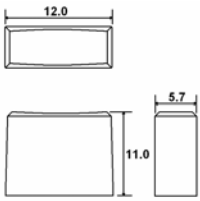

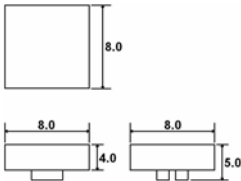

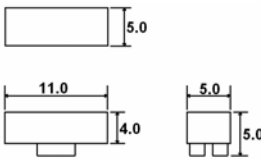


**C05\_**

1 = White, 2 = Black, 3 = Red, 9 = Light Gray  
 Contact Factory for other available colors

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**CAP OPTIONS ←FOR Y ACTUATOR**

  <p><b>C11_</b>                  1 = White, 2 = Black, 3 = Red, 9 = Gray                  Contact Factory for other available colors</p>	  <p><b>C12_</b>                  1 = White, 2 = Black, 3 = Red, 9 = Gray                  Contact Factory for other available colors</p>	  <p><b>C13_</b>                  1 = White, 2 = Black, 3 = Red, 9 = Gray                  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>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>C26_</b>                  1 = White, 2 = Black, 3 = Red, 9 = Light Gray                  Contact Factory for other available colors</p>
  <p><b>C27_</b>                  1 = White, 2 = Black, 3 = Red, 8 = Dark Gray                  Contact Factory for other available colors</p>	  <p><b>C28_</b>                  1 = White, 2 = Black, 3 = Red, 8 = Dark Gray                  Contact Factory for other available colors</p>	

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