

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



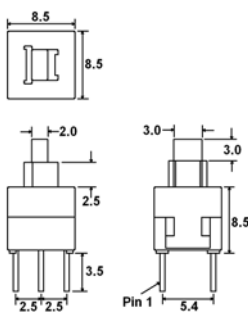
MATERIALS ←RoHS COMPLIANT

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

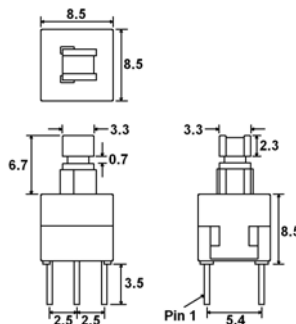
ORDERING INFORMATION

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

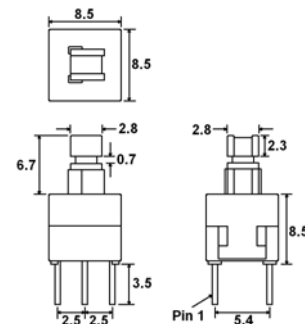
DIMENSIONS



X

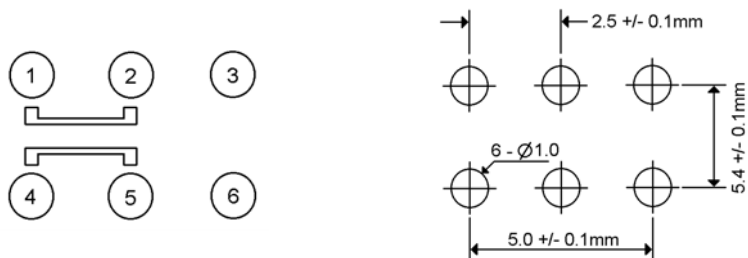


Y

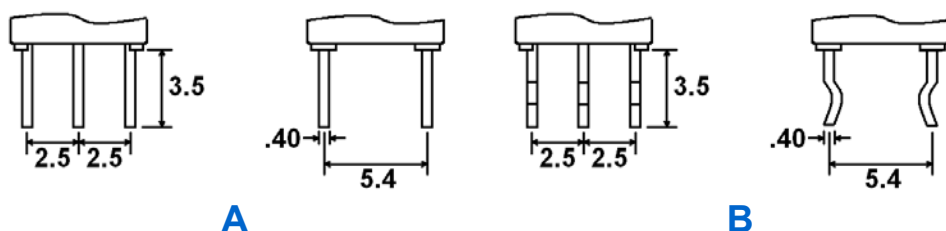


Z

SCHEMATIC & PC LAYOUT



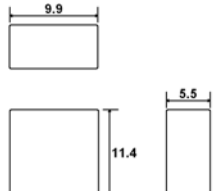
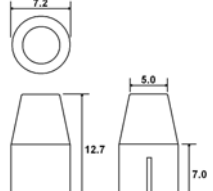
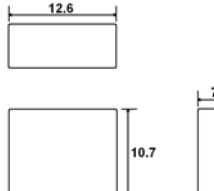
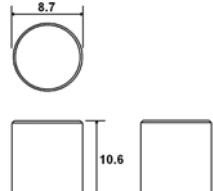
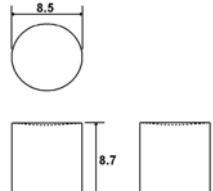
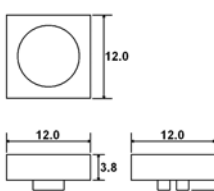
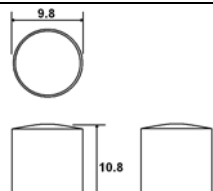
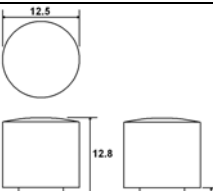
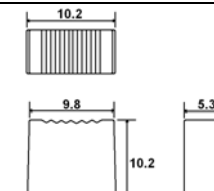
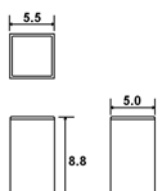
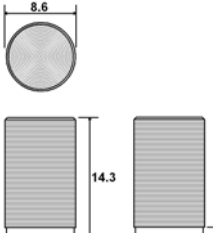
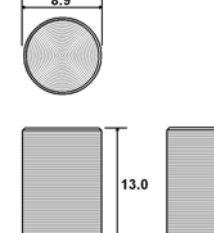
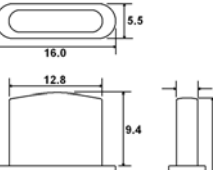
TERMINATION



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			

CAP OPTIONS ←FOR Y ACTUATOR

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