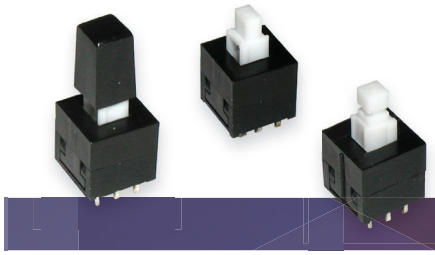


CIT Relay & Switch

LP2203

Miniature Pushbutton

Specifications

Electrical Ratings	100mA @ 30VDC
Electrical Life	100,000 cycles typical
Contact Resistance	<50mΩ initial
Actuation Force	180 ± 50gF
Actuator Travel	1.5mm to lock 2.5mm to full travel

Dielectric Strength	1000Vrms min
Insulation Resistance	>100MΩ min
Operating Temperature	-40ºC to 85ºC
Storage Temperature	-40ºC to 85ºC

Materials

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

LP2203

2. Actuation Force
F180 = F180gF

3. Latching
N = Non-Latching
* Contact Factory for Latching Option

4. Actuation Options
X = 2mm x 3mm head
Y = 3.3mm square head
Z = 2.8mm square head

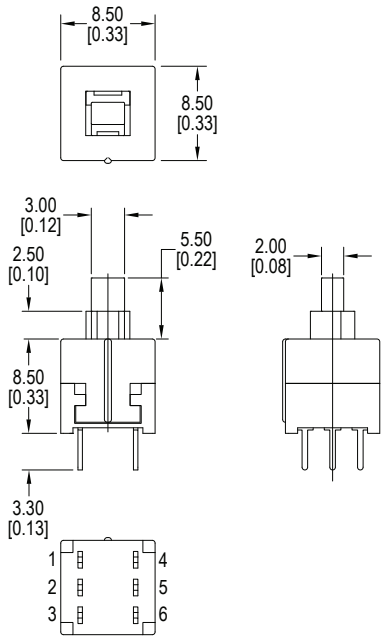
5. Temination
A = PC Pins, straight
E = PC Pins with bend

6. Cap Options
Blank = No Cap
C01
C02
C03
C04
C05
C12
C13
C15
C16
C18
C22
C26

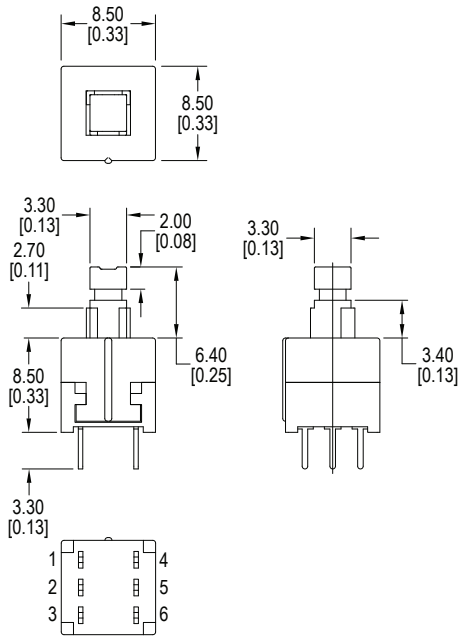
Cap Colors:
See Cap Options for color availability
Caps available with Y & Z actuators only

Dimensions

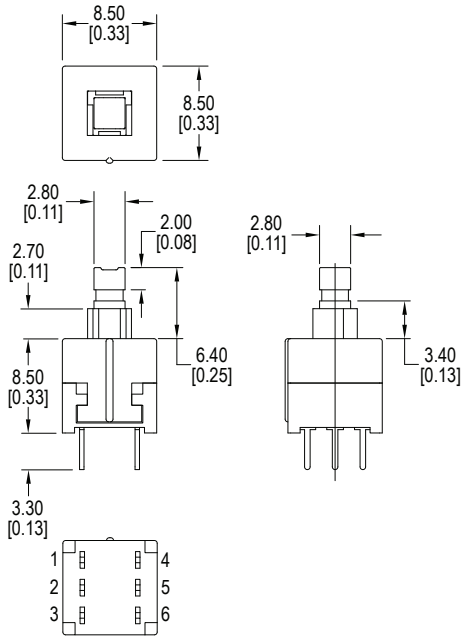
X, 2mm x 3mm



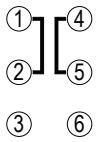
Y, 3.3mm square

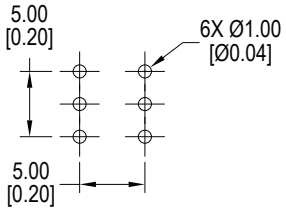


Z, 2.8mm square



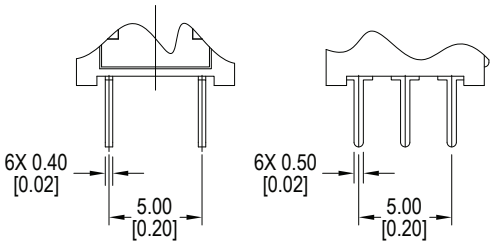
Schematic & PC Layout



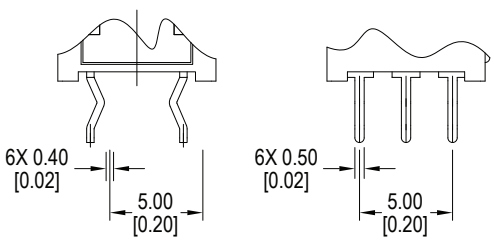


Termination

A, Straight PC Pins



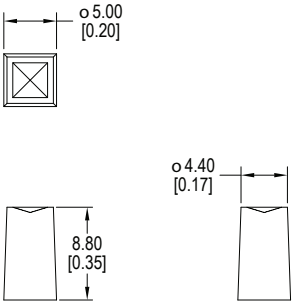
E, PC Pins with Bend



Cap Options for Z Actuator Contact Factory for other available colors

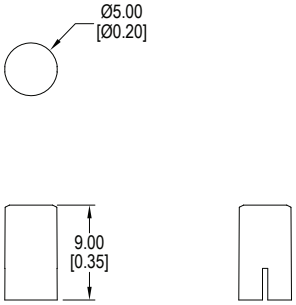
C01_

1 = White
2 = Black
3 = Red
9 = Light Gray



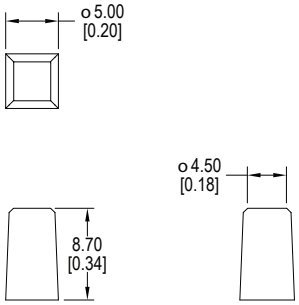
C02_

1 = White
2 = Black
3 = Red
9 = Light Gray



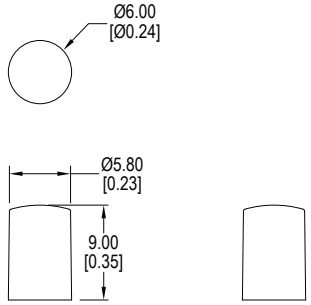
C03_

1 = White
2 = Black
3 = Red
9 = Light Gray



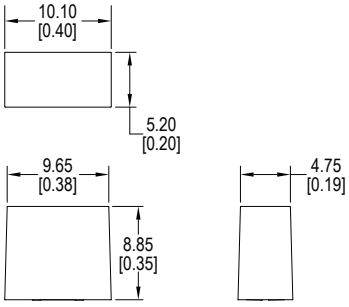
C04_

1 = White
2 = Black
3 = Red
9 = Light Gray



C05_

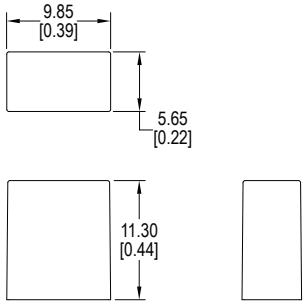
1 = White
2 = Black
3 = Red
9 = Light Gray



Cap Options for Y Actuator Contact Factory for other available colors

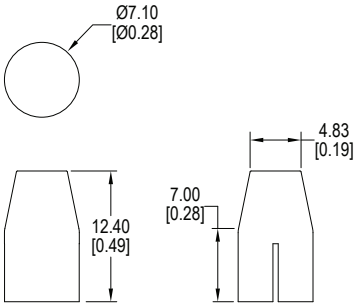
C11_

1 = White
2 = Black
3 = Red
9 = Light Gray



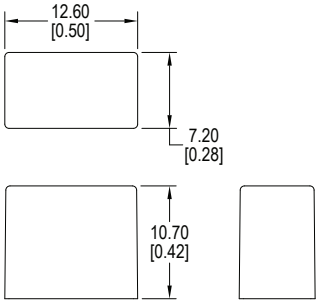
C12_

1 = White
2 = Black
3 = Red
9 = Light Gray



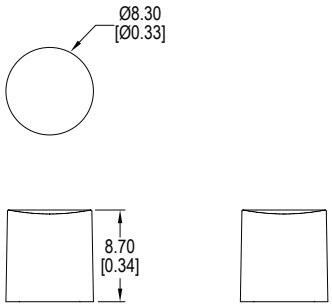
C13_

1 = White
2 = Black
3 = Red
9 = Light Gray



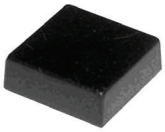
C15_

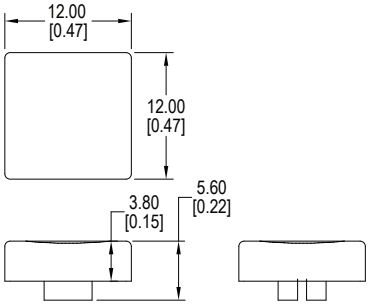
2 = Black
0 = Clear



C16_

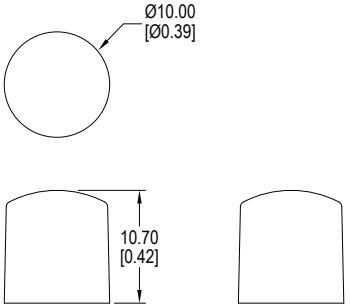
1 = White
2 = Black
3 = Red
7 = Blue





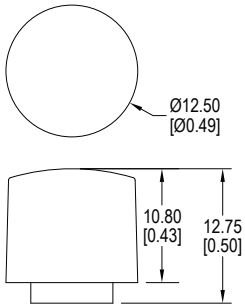
C17_

1 = White
2 = Black
9 = Light Gray



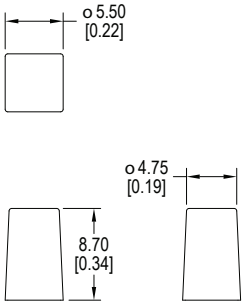
C18_

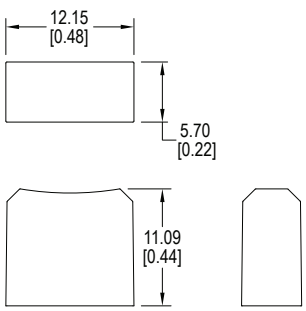
1 = White
2 = Black
9 = Light Gray



C22_

2 = Black
8 = Dark Gray
9 = Light Gray



C26_

1 = White
2 = Black
3 = Red
9 = Light Gray