



Specifications

Electrical Ratings	50mA @ 50VDC	Dielectric Strength	250Vrms min
Electrical Life	100,000 cycles typical	Insulation Resistance	>100MΩ min @ 500VDC
Contact Resistance	<50mΩ initial	Operating Temperature	-40°C to 85°C
Actuation Force	100 ± 50gF 160 ± 50gF 260 ± 50gF	Storage Temperature	-40°C to 85°C

Materials

Actuator	Nylon 6T
Housing	Nylon 6T
Cover	Stainless Steel, Tin Plated
Contacts	Copper Alloy, Silver Plated
Terminals	Copper Alloy, Silver Plated

Standard Packaging

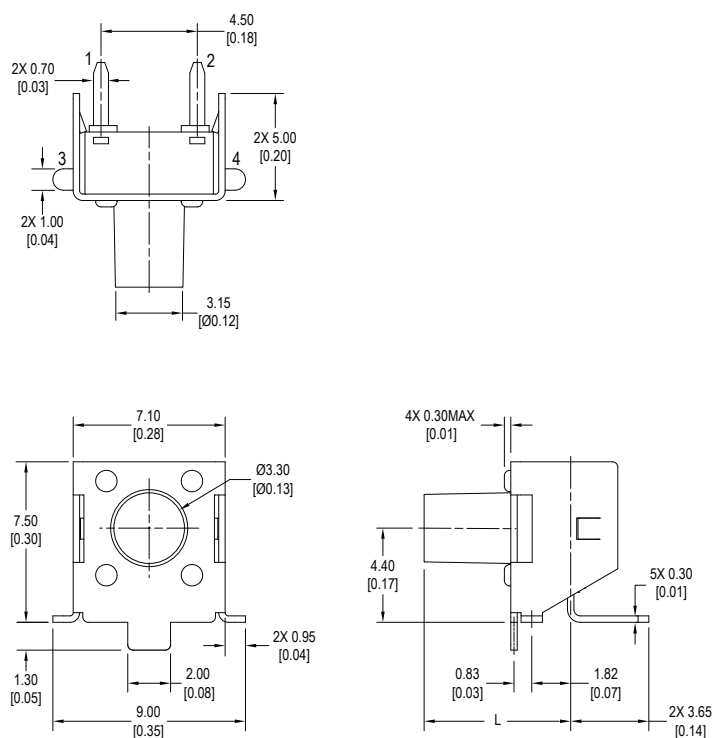
Part Number	Reel Quantity
CS1102V3.15	600 pieces per reel
CS1102V3.85	600 pieces per reel
CS1102V5.85	500 pieces per reel
CS1102V6.85	500 pieces per reel
CS1102V8.35	500 pieces per reel
CS1102V9.85	450 pieces per reel
CS1102V11.85	450 pieces per reel
CS1102VS2.8	500 pieces per reel

Ordering Information

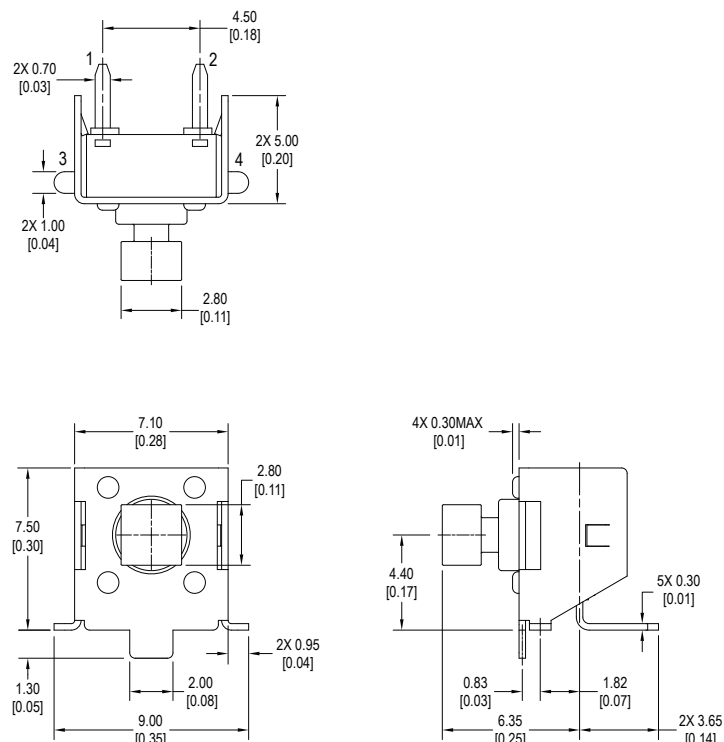
1. Series	CS1102V	3.15	F160	C013
CS1102V				
2. Actuator Length				
3.15 - 3.15mm				
3.85 - 3.85mm				
5.85 - 5.85mm				
6.85 - 6.85mm				
8.35 - 8.35mm				
9.85 - 9.85mm				
11.85 - 11.85mm				
S2.8 - 2.8mm square head				
3. Actuation Force				
F100 - 100gF				
F160 - 160gF				
F260 - 260gF				
4. Cap Options Available for S2.8 actuator only				
Blank = No Cap				
C01				
C02				
C03				
C04				
C05				

Dimensions

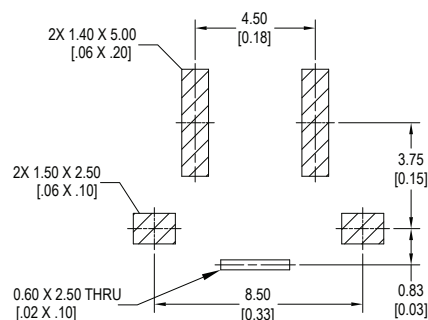
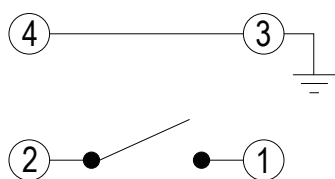
Standard Actuator



S2.8 Actuator

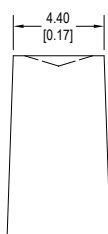
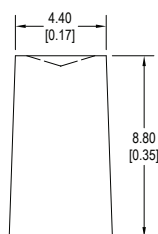
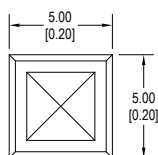


Schematic & PC Layout



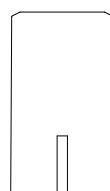
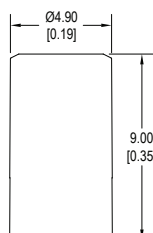
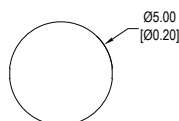
Cap Options for S2.8 Actuator

C01



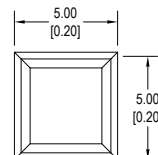
1 = White, 2 = Black, 3 = Red, 9 = Light Gray
Contact Factory for other available colors

C02



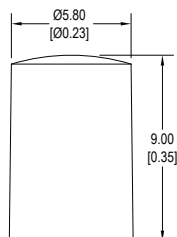
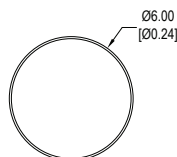
1 = White, 2 = Black, 3 = Red, 9 = Light Gray
Contact Factory for other available colors

C03



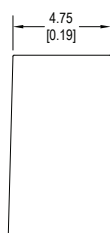
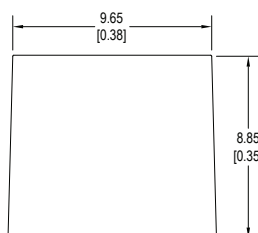
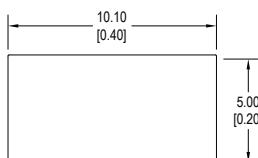
1 = White, 2 = Black, 3 = Red, 9 = Light Gray
Contact Factory for other available colors

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