CIT RELAY & SWITCH
A Division of Circuit Interruption Technology, Inc.

CT1102V



SPECIFICATIONS

Electrical Ratings	50mA @ 48VDC
Electrical Life	100,000 cycles typical
Contact Resistance	< 50 mΩ initial
Actuation Force	100 +/- 50gF 160 +/- 30gF 260 +/- 50gF
Actuator Travel	.25 +/- .1mm
Dielectric Strength	1000Vrms min
Insulation Resistance	> 100MΩ min
Operating Temperature Storage Temperature	-40°C to 85°C -40°C to 85°C

MATERIALS ←RoHS COMPLIANT

Actuator	6/6 Nylon
Housing	6/6 Nylon
Cover	Steel, Tin Plated
Contacts	Phosphor Bronze, Silver Plated
Terminals	Brass, Silver Plated

ORDERING INFORMATION

1. Series:	**CT1102V**	**10.35**	**F100**
CT1102V			
2. Actuator Length "L" (mm):			
3.15			
3.85			
5.85			
6.35			
6.85			
8.35			
9.85			
10.35			
10.85			
11.85			
13.35			
13.85			
15.85			
S2.4 Square actuator head			
S2.8 Square actuator head			
3. Actuation Force:			
F100 = 100gF			
F160 = 160gF			
F260 = 260gF			

4. Cap Options:
Blank = No Cap
C01
C02
C03
C04
C05

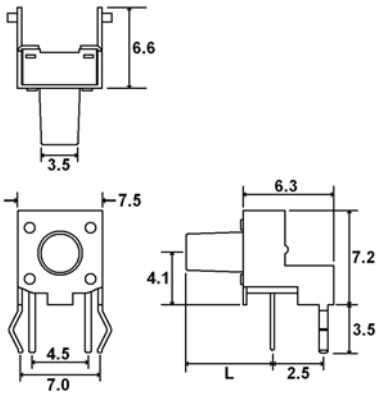
Cap Colors:

** See Cap Options for color availability
** Caps available with S2.8 actuator only

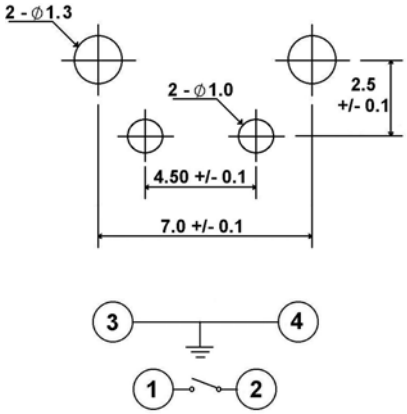
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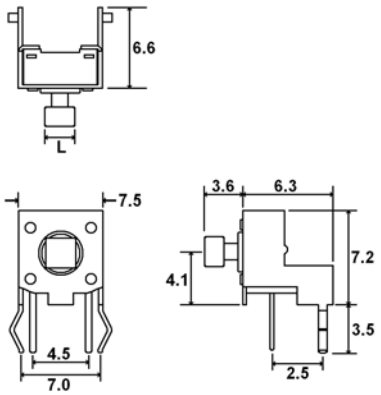
CT1102V

DIMENSIONS

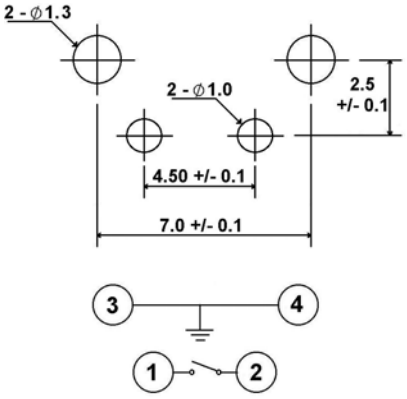


Part Number	"L" (mm)
CT1102V3.15	3.15
CT1102V3.85	3.85
CT1102V5.85	5.85
CT1102V6.35	6.35
CT1102V6.85	6.85
CT1102V8.35	8.35
CT1102V9.85	9.85
CT1102V10.35	10.35
CT1102V10.85	10.85
CT1102V11.85	11.85
CT1102V13.35	13.35
CT1102V13.85	13.85
CT1102V15.85	15.85

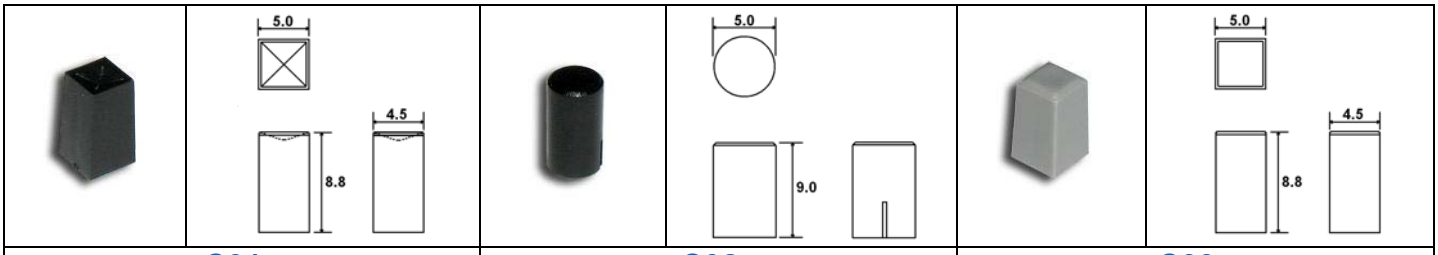




Part Number	"□" (mm)
CT1102S2.4	2.4
CT1102S2.8	2.8



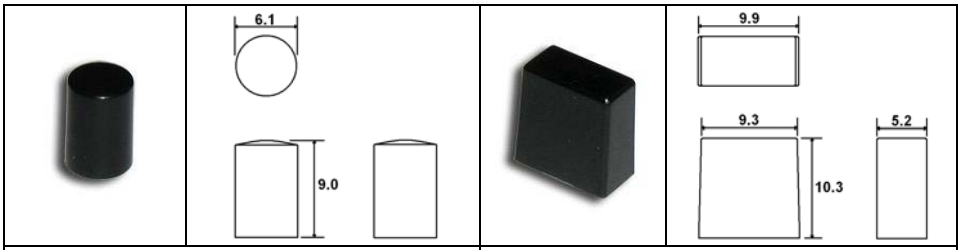
CAP OPTIONS



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

Website: www.citswitch.com *Tel: 763-535-2339 Fax: 763-535-2194*