

SERIES SS SWITCHES

SNAP ACTION SWITCHES - SUB-MINIATURE



E-SWITCH®



FEATURES & BENEFITS

- ▶ Subminiature package size
- ▶ Designed for higher reliability applications

APPLICATIONS/MARKETS

- ▶ Appliance
- ▶ Timing controls
- ▶ Vending machines
- ▶ Gaming
- ▶ Industrial controls

SPECIFICATIONS

Contact Rating: Gold .4VA max. @ 20 VDC or VAC Max.
0.1 Amps @ 5 VDC
1.5 Amps @ 250-UL
3 Amps @ 125-UL

Life Expectancy: 10,000 cycles typical

Mechanical Life: 1,000,000 cycles typical

Insulation Resistance: 100 MΩ min. @ 500V DC

Dielectric Strength: 500VDC

Operating Temperature: -25° C to 75°

Operating Force: See Chart

MATERIALS

Switch Housing: High Temperature PBT (UL94 V-0)

Actuator Button: High Temperature PBT (UL94 V-0)

Terminals: Copper Alloy, plated

Contacts: Silver Alloy (std) or Gold

Spring: Spring Steel



HOW TO ORDER

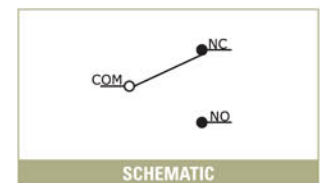
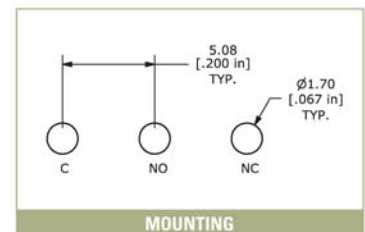
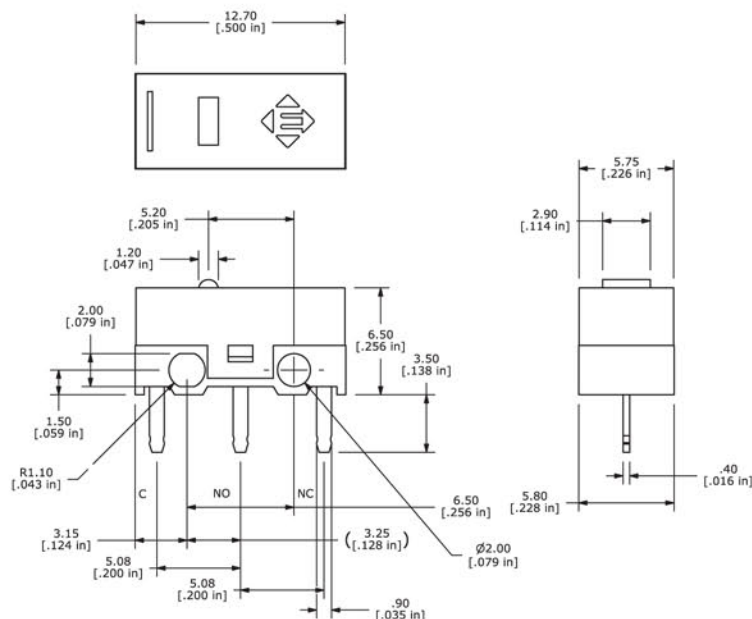
SERIES	OPERATING TEMP.	CURRENT RATING	ACTUATOR	OPERATING FORCE	TERMINATION	CIRCUIT
SS	075 = 75C	03 = 3A, 125VAC 1.5A, 250VAC Q1= 0.1A, 125VAC R1=0.4VA	00 01 02 03	See Chart	P1 = PCB Pins R1 = PCB Retention V1 = PCB Right Angle V2 = PCB Left Angle S1 = Solder Lug	A = SPDT



Example Ordering Number

SS-075-03-01-F030-P1-A

Specifications subject to change without notice.





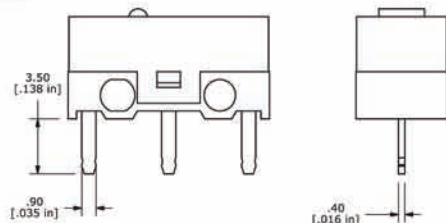
SERIES SS SWITCHES

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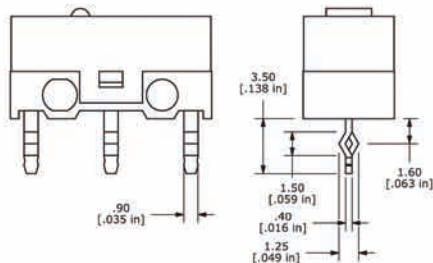
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

TERMINATION OPTIONS

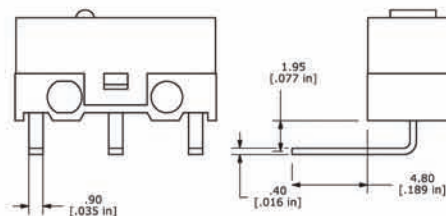
P1



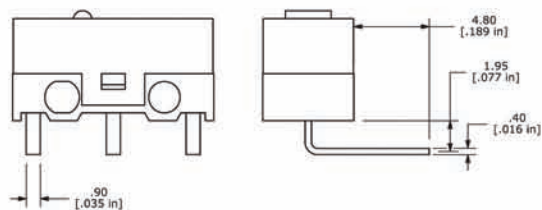
R1



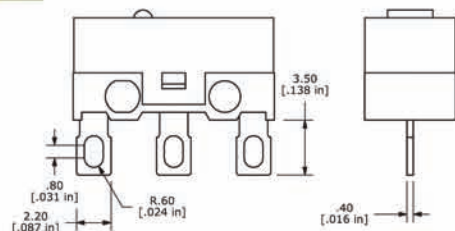
V1



V2

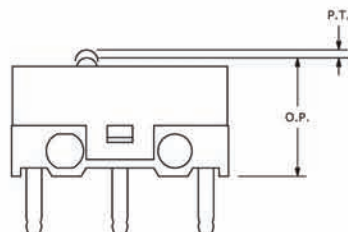


S1

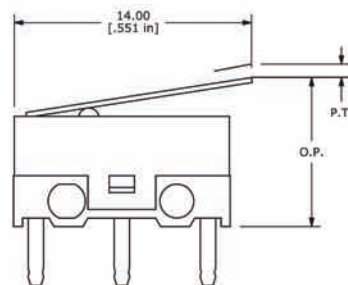


ACTUATOR OPTIONS

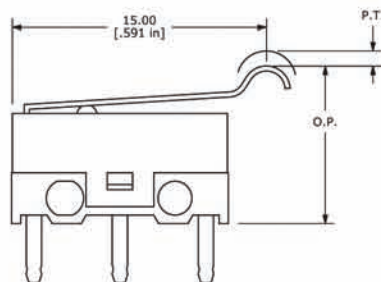
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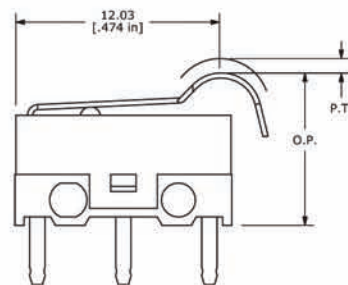
01



02



03



PT= Pretravel OP= Operating Point

ACTUATOR AND OPERATING FORCE CHART

Actuator	Actuation/Return Force					Pre-Travel	Operating Point
00	070 / 25	090 / 40	110 / 50	130 / 60		0.35 Max	7.0 ± 0.2
01	020 / 5	030 / 10	035 / 10	040 / 15		1.60 Max	8.80 ± 0.8
02	015 / 5	025 / 10	030 / 10	035 / 10		2.00 Max	10.80 ± 0.8
03	020 / 5	030 / 10	040 / 15	050 / 15		1.35 Max	9.65 ± 0.8