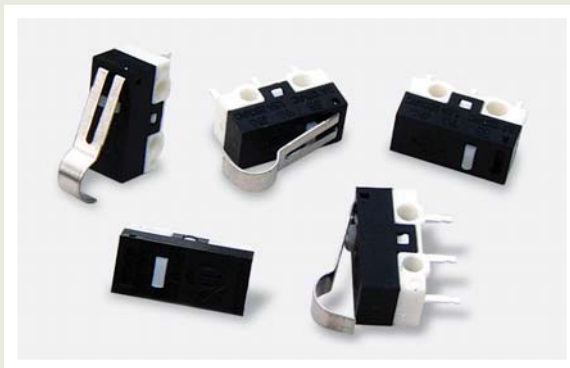


SERIES SS SWITCHES

SNAP ACTION SWITCHES - SUB-MINIATURE



E-SWITCH®



SPECIFICATIONS

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

Life Expectancy: 100,000 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

FEATURES & BENEFITS

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

APPLICATIONS/MARKETS

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

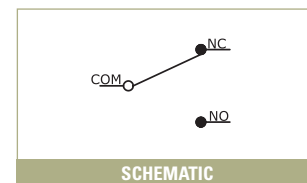
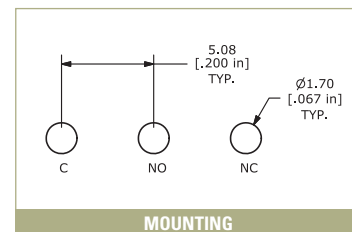
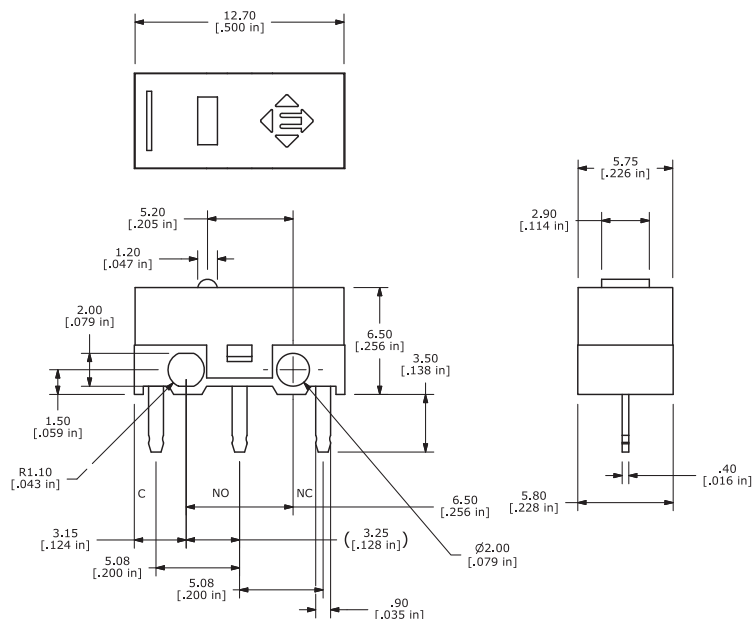
HOW TO ORDER

SERIES SS	OPERATING TEMP. □ □ □	CURRENT RATING □ □	ACTUATOR □ □	OPERATING FORCE F □ □ □	TERMINATION □ □	CIRCUIT □
	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 10.31.19

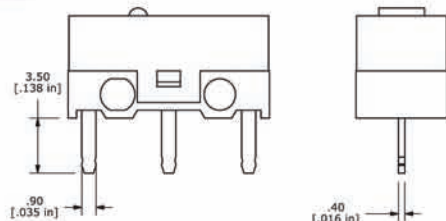
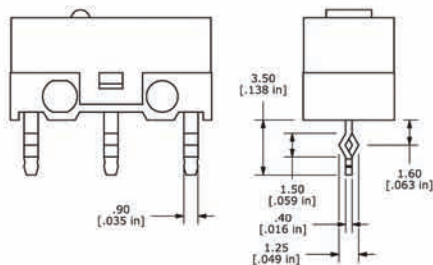
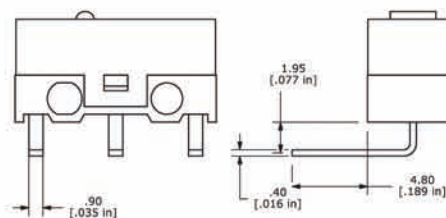
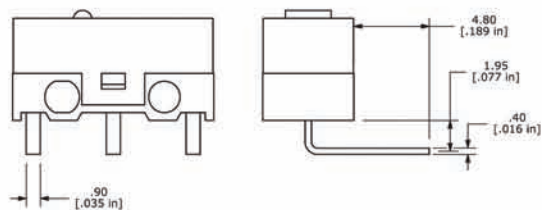
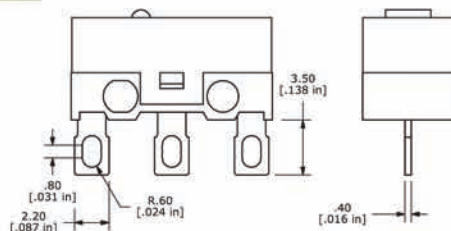




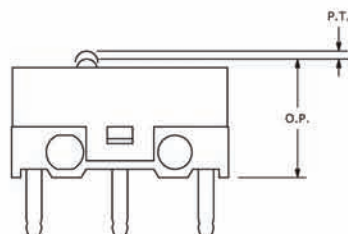
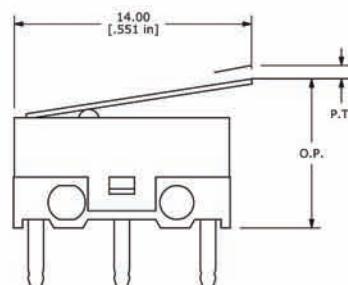
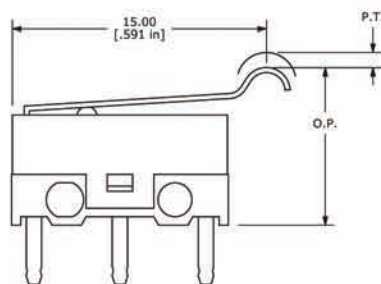
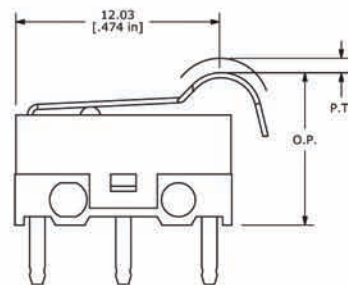
SERIES SS SWITCHES

SNAP ACTION SWITCHES - SUB-MINIATURE

TERMINATION OPTIONS

P1**R1****V1****V2****S1**

ACTUATOR OPTIONS

00**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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

SS0750301F015V1A	SS0750301F040P1A	SS0750303F050S1A	SS0750300F070P1A	SS0750303F050P1A
SS0750303F030P1A	SS0750301F020P1A	SS0750300F070S1A	SS0750301F040S1A	SS0750300F070V1A
SS0750300F130P1A	SS0750300F130V1A	SS0750302F035S1A	SS075Q101F040S1A	SS075Q102F035V2A
SS075Q103F020V1A	SS075Q103F050P1A	SS075Q103F050S1A	SS0750302F030P1A	SS075Q101F030P1A
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SS075Q102F035V1A	SS0750301F040V1A	SS0750301F020S1A	SS075Q102F025S1A	SS0750303F020V2A
SS0750302F015V1A	SS0750303F050V2A	SS0750301F040V2A	SS0750301F030P1A	SS075R101F020S1A
SS075R100F130S1A	SS0750302F035P1A	SS0750301F020V2A	SS075Q100F130V1A	SS0750300F130S1A
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