

WS SERIES SNAP ACTION SWITCH

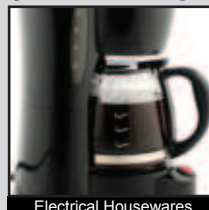
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



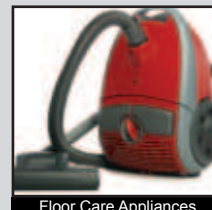
APPLICATIONS / MARKETS



HVAC



Electrical Housewares



Floor Care Appliances



White Goods



Vending Machines



Medical Equipment

RoHS

SPECIFICATIONS

Contact Rating: 0.5A @ 42VDC
1A @ 24VDC
2A @ 12VDC
3A @ 125/250VAC

Electrical Life: 10,000 Cycles
Mechanical Life: 1,000,000 Cycles
Contact Resistance: 100mΩ Max. Initial
Insulation Resistance: 100MΩ Min. @ 500VDC
Dielectric Strength: 600VAC
Operating/Storage Temperature: -25°C to 85°C
Moisture Protection: IP67
Contact Arrangement: SPDT
Actuation Force: See Table
Agency Approvals: cURus

FEATURES & BENEFITS

- Plunger or lever actuator options
- Multiple termination options
- IP67 rated

PART NUMBER CONFIGURATOR

Series	Operating Temperature	Current Rating	Actuator	Operating Force	Termination	Circuit
WS	085 - 85 °C	01 1 A @ 42VDC 1A @ 24VDC 2A @ 12VDC 3A @ 125/250VAC	00 1 2 5 00 - Pin Plunger 01 - 20mm Lever 02 - 15mm Simulated Roller	F050 70 0 0 F050 - 50 grams with 01 lever F070 - 70 grams with 00 plunger or 02 lever	P S W P - PCB Pins S - Solder Lug W - Wire Leads (300mm Length)	A S D T A - SPDT

Specifications subject to change without notice 3.9.2018



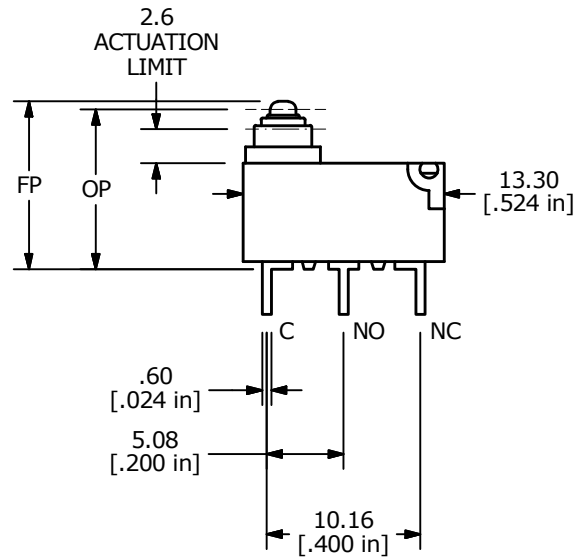
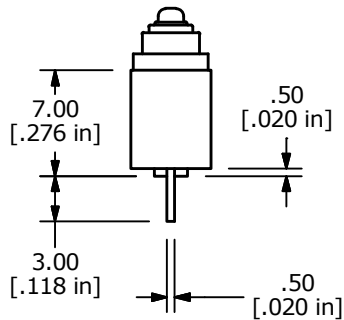
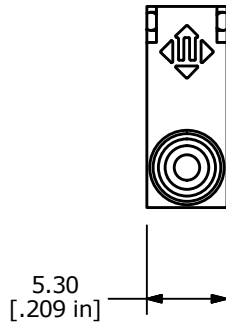
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PCB PIN TERMINALS

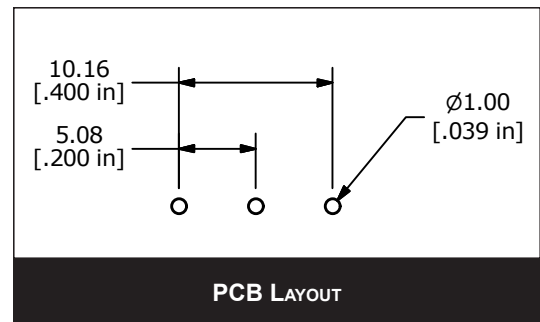


NOTE: ACTUATION BELOW THE 2.6mm ACTUATION LIMIT MAY CAUSE DAMAGE TO THE INTERNAL CONTACTS.

PCB TERMINALS WITH 00 PIN PLUNGER

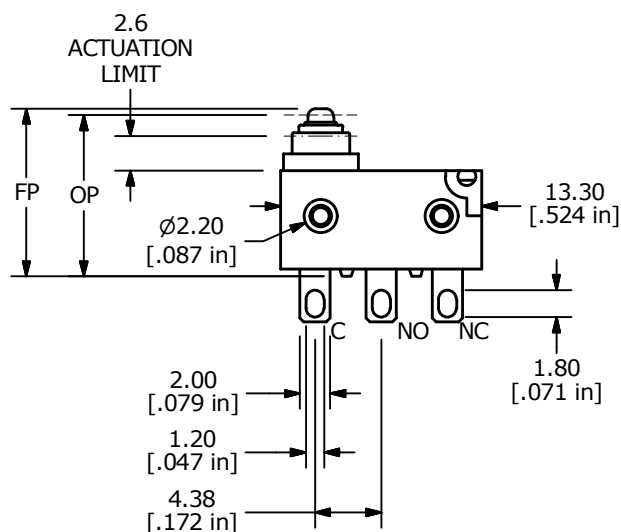
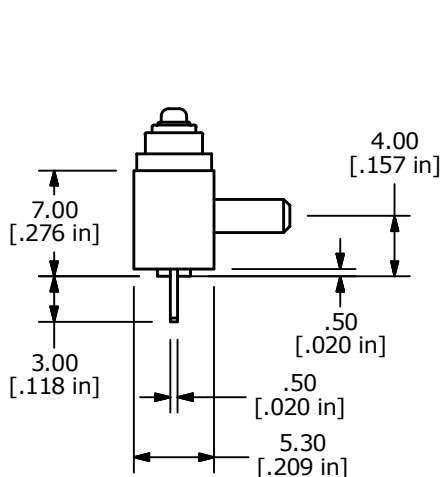
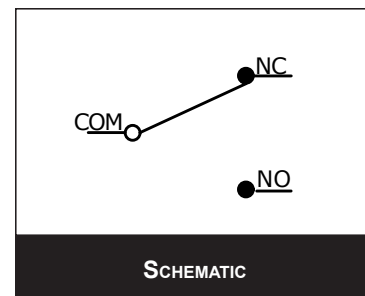
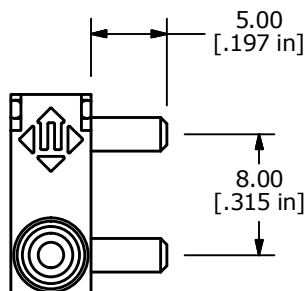
OPERATING POINT CHART		
ACTUATOR STYLE	FREE POINT	OPERATING POINT
00	11.5mm Max.	10.5±0.3mm
01	15.5mm Max.	13.3±0.8mm
02	16.0mm Max.	14.8±0.8mm

NOTE: FOR WIRE LEAD TERMINATION MODELS, THE FREE POINT AND OPERATING POINT WOULD BE MEASURED FROM THE MOUNTING BOSSES. THIS WILL REDUCE THE ABOVE LISTED VALUES BY 4MM'S



WS SERIES SNAP ACTION SWITCH

SOLDER LUG TERMINALS



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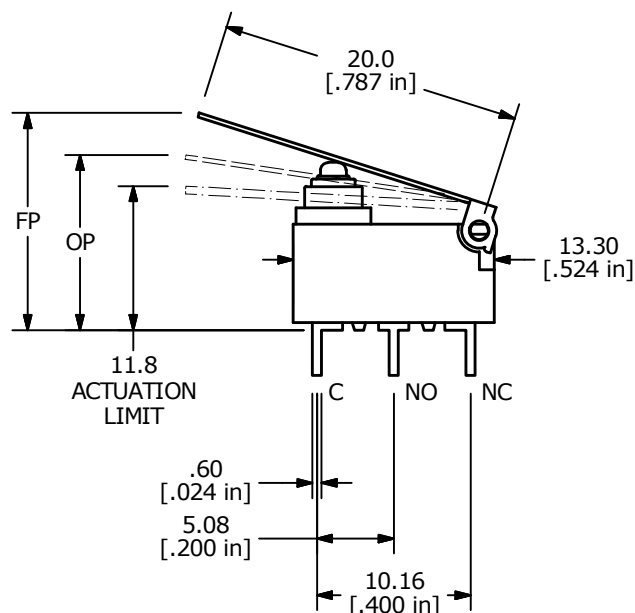
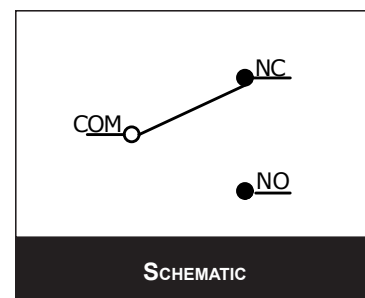
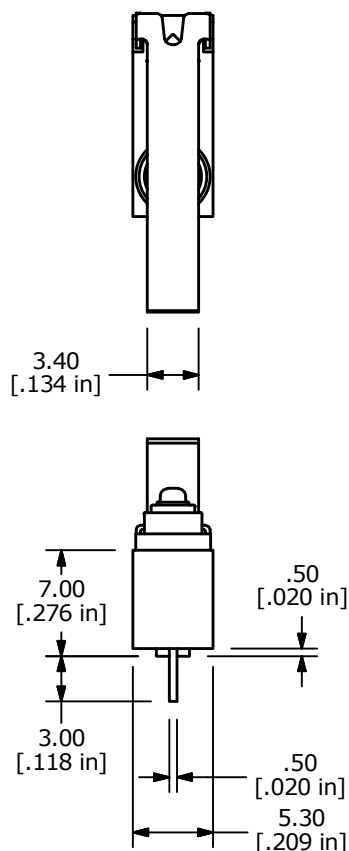
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PCB PIN TERMINALS

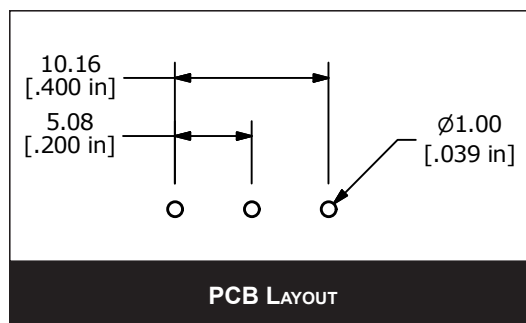


NOTE: ACTUATION BELOW THE 11.8mm ACTUATION LIMIT MAY CAUSE DAMAGE TO THE INTERNAL CONTACTS.

PCB TERMINALS WITH 01 LEVER

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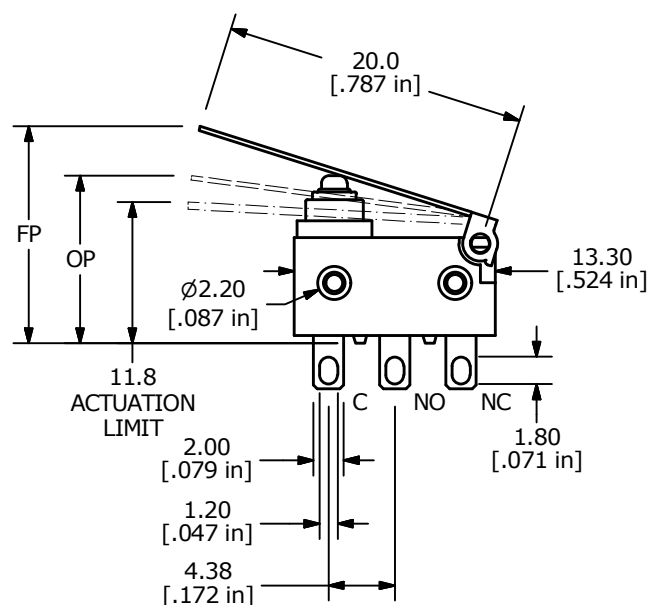
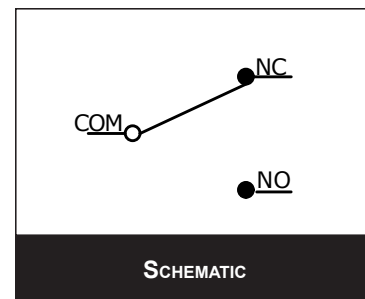
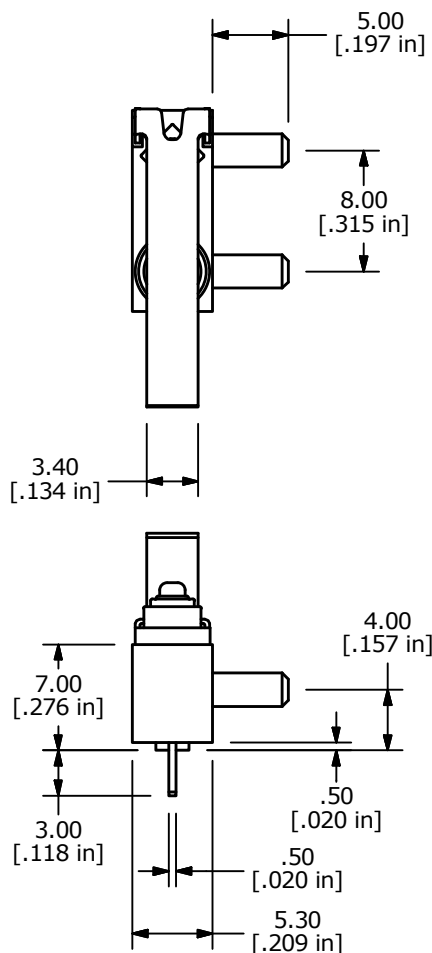
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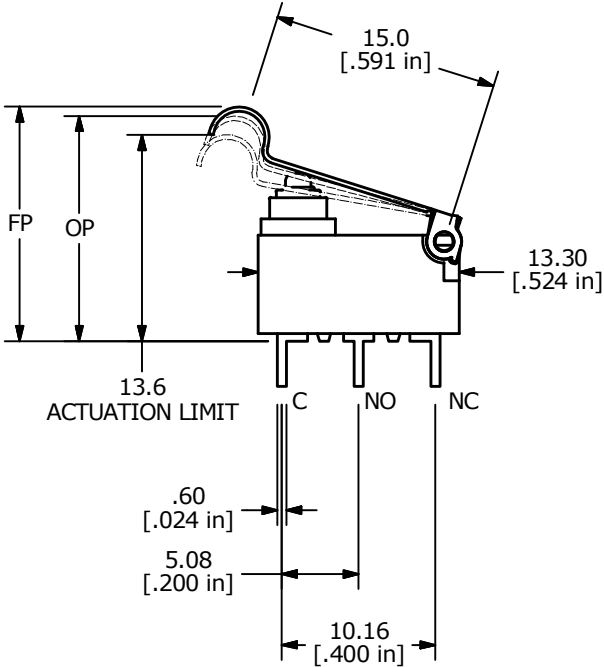
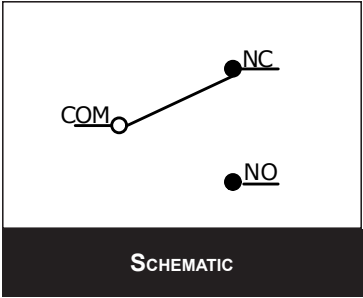
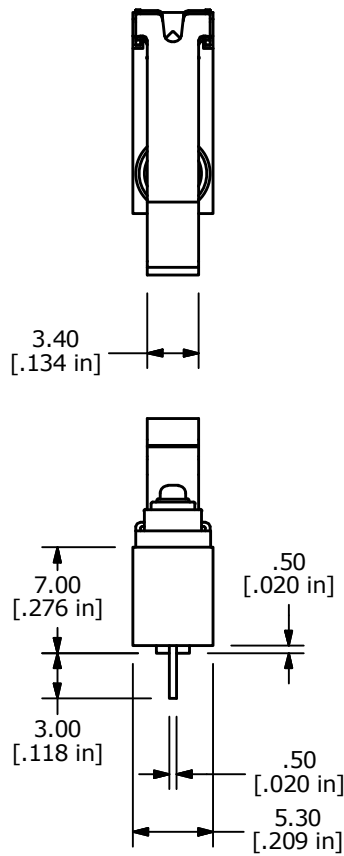
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PCB PIN TERMINALS

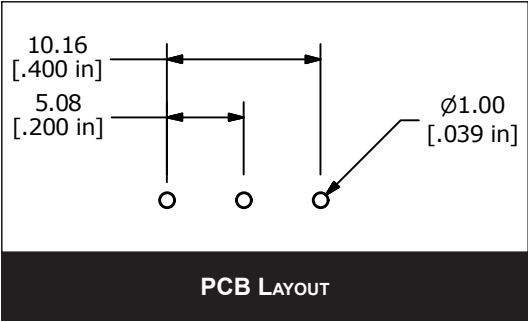


NOTE: ACTUATION BELOW THE 13.6mm ACTUATION LIMIT MAY CAUSE DAMAGE TO THE INTERNAL CONTACTS.

PCB TERMINALS WITH 02 LEVER

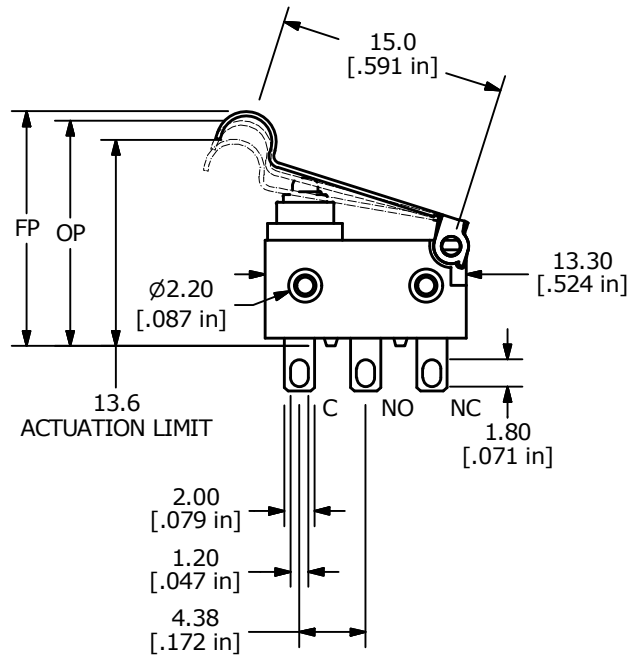
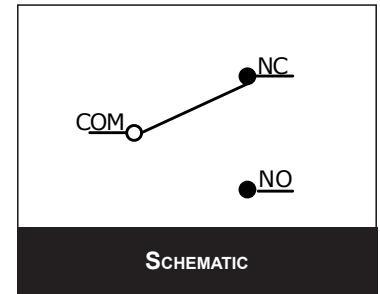
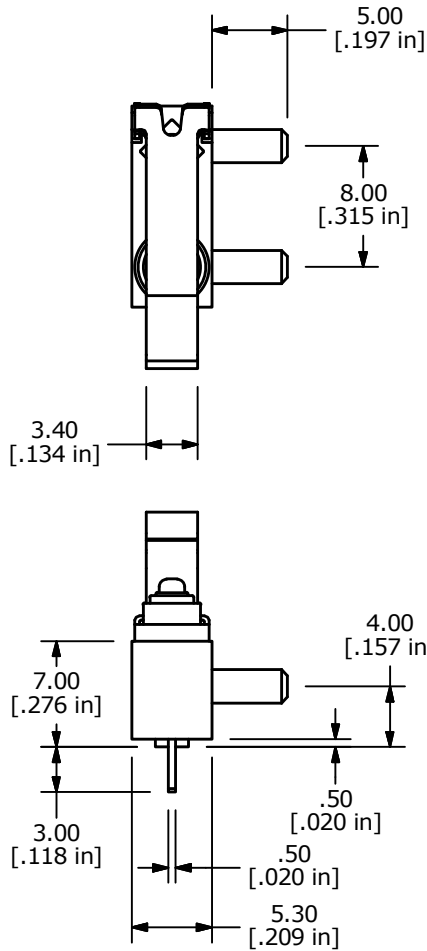
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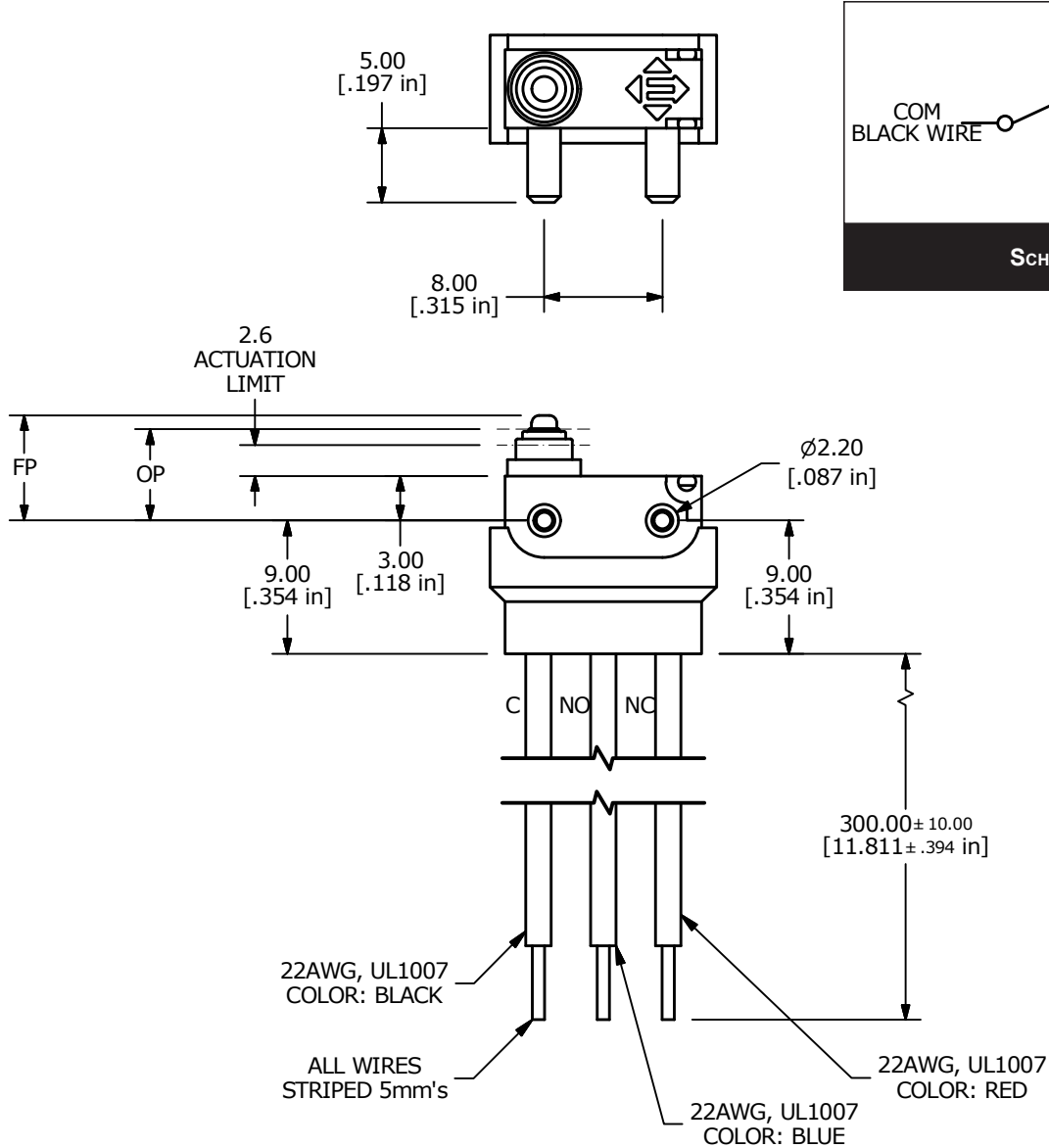
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WS SERIES SNAP ACTION SWITCH

WIRE LEADS



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OPERATING POINT CHART		
ACTUATOR STYLE	FREE POINT	OPERATING POINT
00	6.5mm Max.	7.5±0.3mm
01	11.5mm Max.	9.3±0.8mm
02	12.0mm Max.	10.8±0.8mm

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WIRE LEADS
WITH 00 PIN PLUNGER



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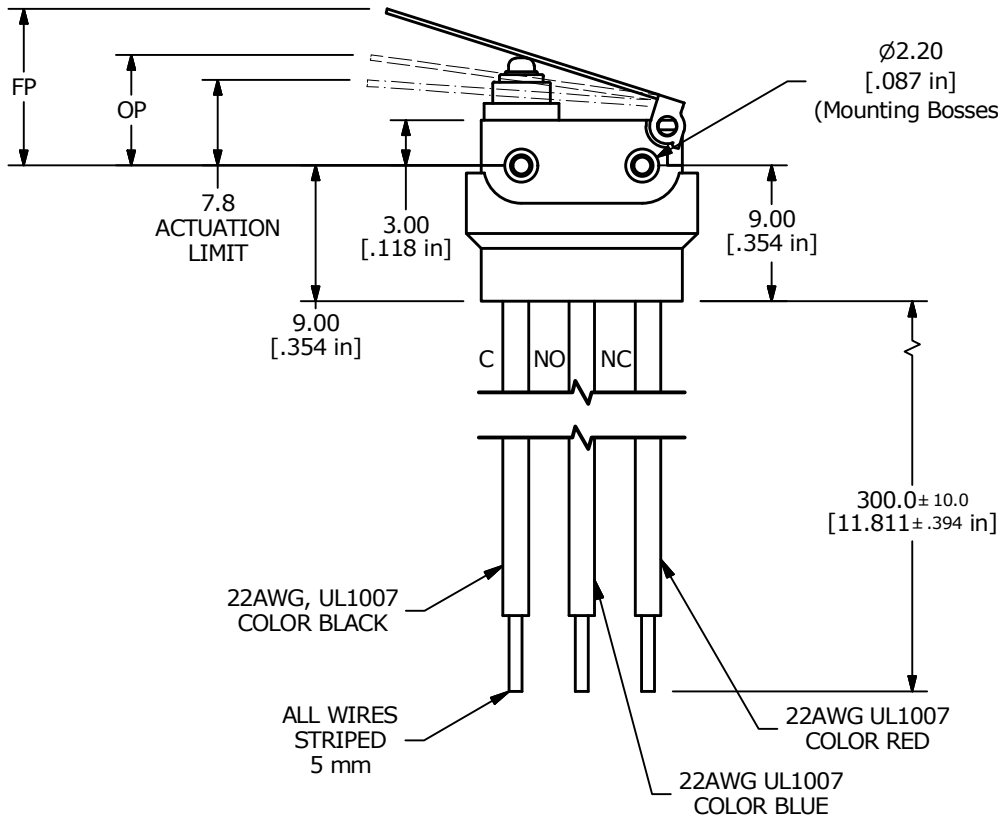
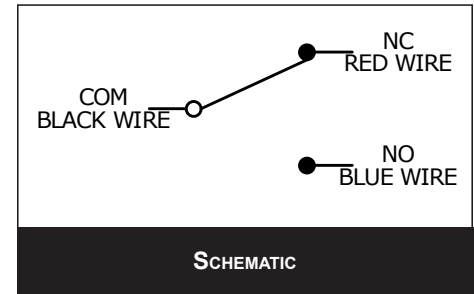
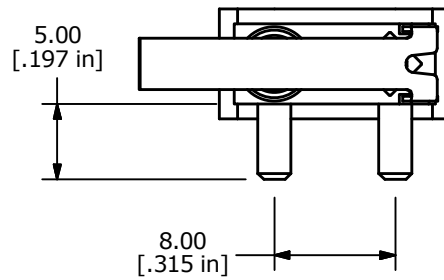
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WIRE LEADS



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OPERATING POINT CHART

ACTUATOR STYLE	FREE POINT	OPERATING POINT
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01	11.5mm Max.	9.3±0.8mm
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WIRE LEADS
WITH 01 LEVER



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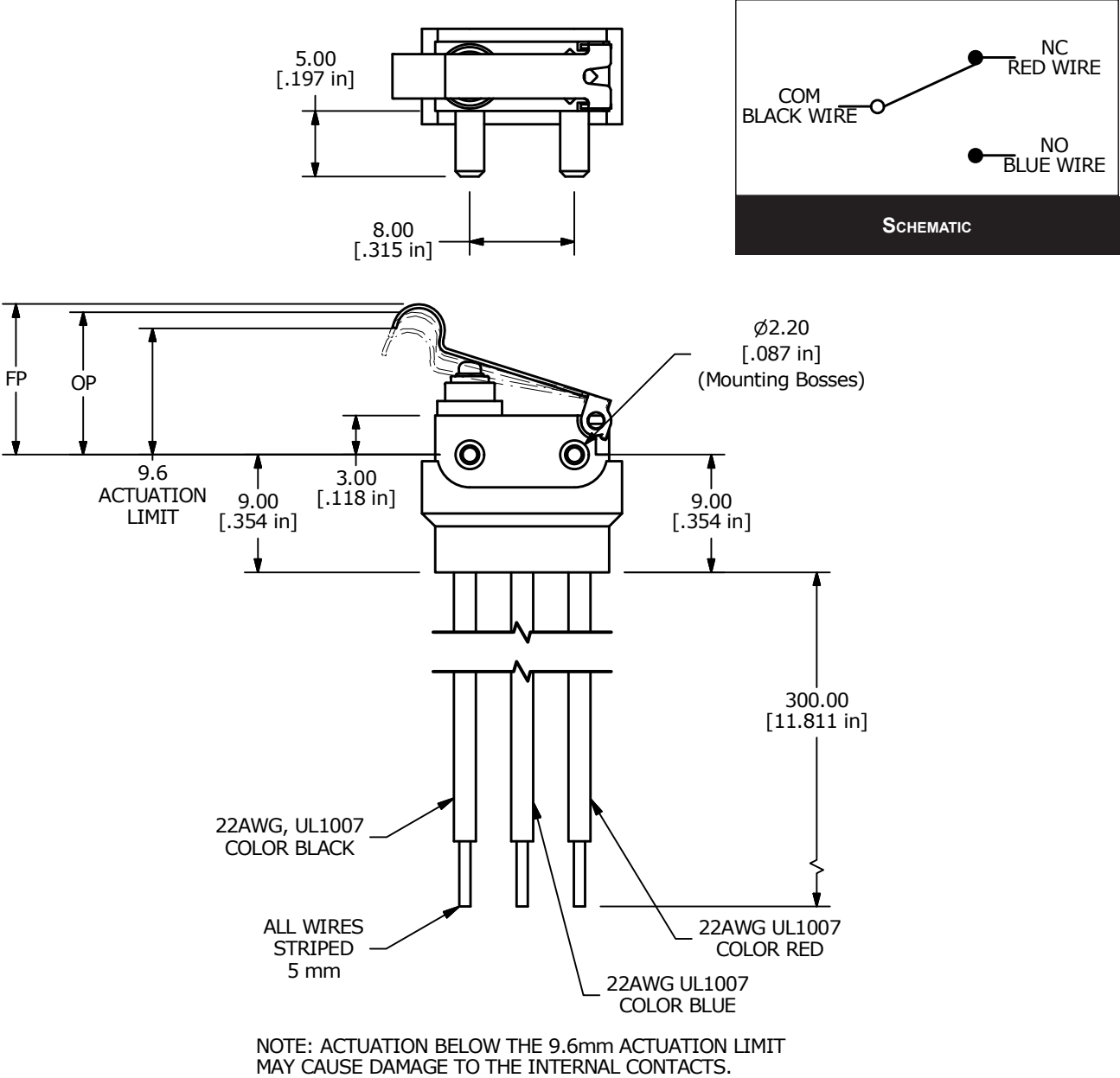
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WS SERIES SNAP ACTION SWITCH

WIRE LEADS



OPERATING POINT CHART		
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01	11.5mm Max.	9.3±0.8mm
02	12.0mm Max.	10.8±0.8mm

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WIRE LEADS
WITH 02 SIMULATED LEVER

