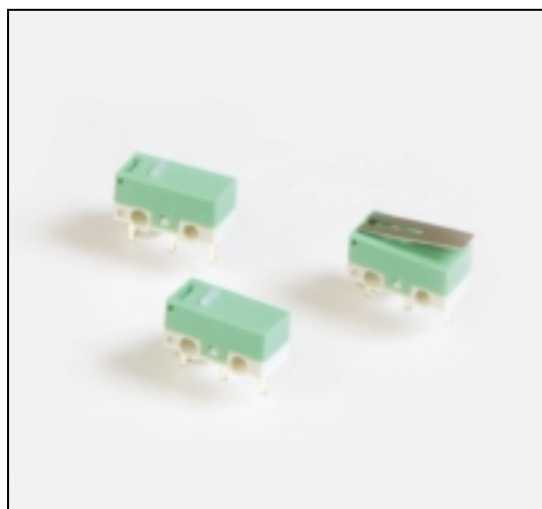




### SPECIFICATIONS

#### Contact Rating:

Gold .4VA max. @ 20 VDC or VAC Max.

0.1 Amps @ 5 VDC

1 Amps @ 125-UL, CSA

3 Amps @ 125-UL, CSA

#### Electrical Life:

100,000 cycles typical

#### Mechanical Life:

1,000,000 cycles typical

#### Insulation Resistance:

100 MΩ min.

#### Dielectric Strength:

1,000 V RMS @ sea level.

#### Operating Temperature:

-25° C to 85° C (std)

#### Operating Force:

See Chart

### MATERIALS

#### Switch Housing:

High Temperature PBT (UL94 V-0)

#### Actuator Button:

High Temperature PBT (UL94 V-0)

#### Terminals:

Copper Alloy

#### Contacts:

Silver (std) or Gold

#### Spring:

Spring Steel

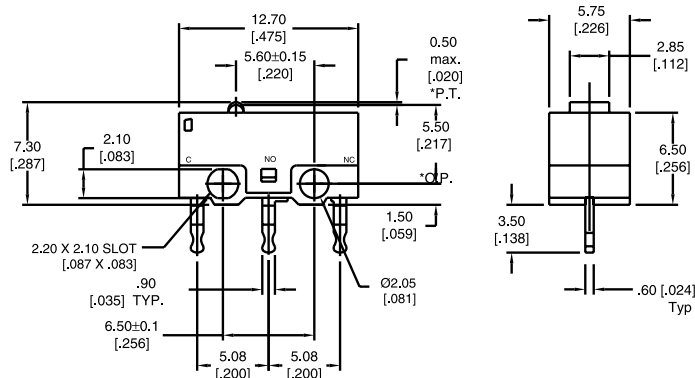


### HOW TO ORDER

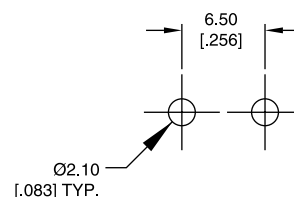
| Series    | Operating Temp. | Current Rating                                                               | Actuator         | Operating Force  | Termination        | Circuit       |
|-----------|-----------------|------------------------------------------------------------------------------|------------------|------------------|--------------------|---------------|
| <b>DM</b> |                 |                                                                              |                  | <b>F</b>         |                    |               |
| <b>DM</b> | <b>085=85C</b>  | <b>Q1=0.1A</b><br><b>R1=Gold 0.4 VA max.</b><br><b>01=1A</b><br><b>03=3A</b> | <b>See Chart</b> | <b>See Chart</b> | <b>P1=PCB Pins</b> | <b>A=SPDT</b> |

#### EXAMPLE

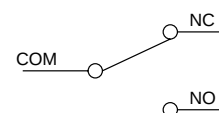
**DM** → **085** → **Q1** → **03** → **F050** → **P1** → **A**



#### P.C. MOUNTING



#### Schematic



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SUBMINIATURE SNAP ACTION SWITCH

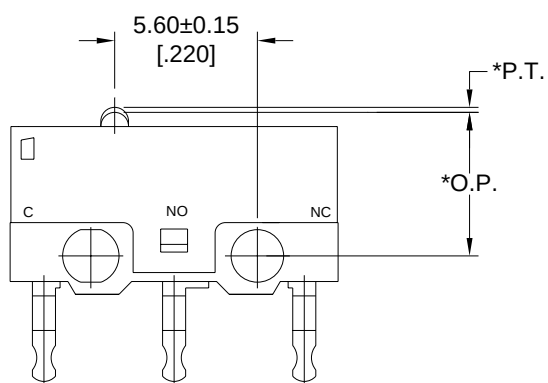
ACTUATOR OPTIONS

**ACTUATOR AND OPERATING FORCE CHART**

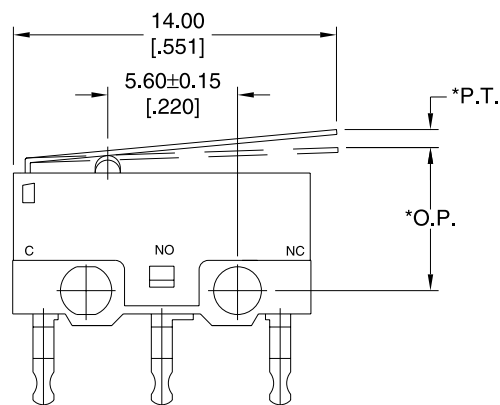
| ACTUATOR | ACTUATION/RETURN FORCE | ACTUATION/RETURN FORCE | PT  | OP   | OT  |
|----------|------------------------|------------------------|-----|------|-----|
| 00       | 060 / 15               | 125 / 40               | 0.5 | 5.5  | 0.2 |
| 01       | 015 / 5                | 045 / 8                | 1.8 | 6.8  | 0.2 |
| 02       | 025 / 6                | 050 / 10               | 1.8 | 10.0 | 0.6 |
| 03       | 030 / 7                | 055 / 12               | 1.8 | 7.5  | 0.4 |

PT= Pretravel OP= Operating Point OT= Over Travel

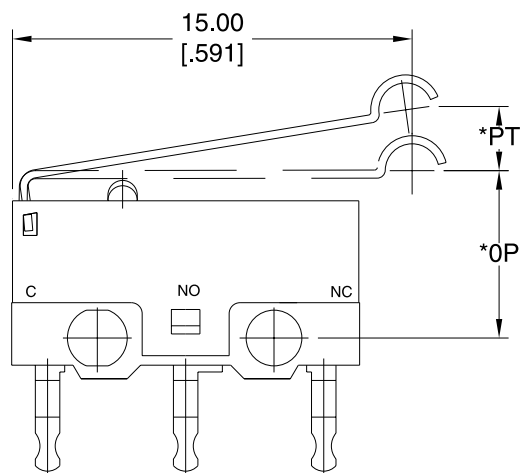
**00**



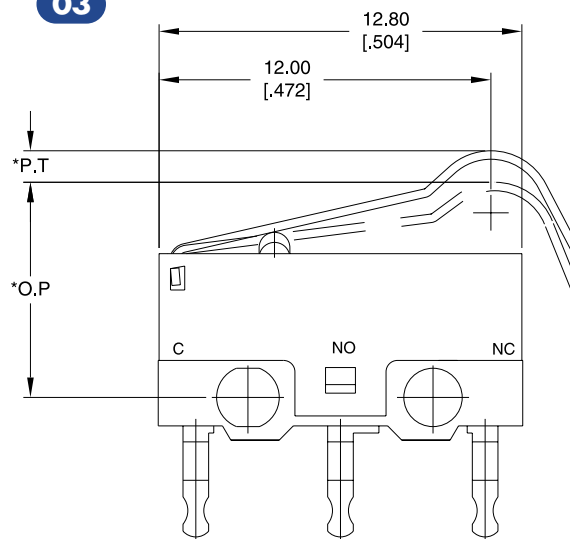
**01**



**02**



**03**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.