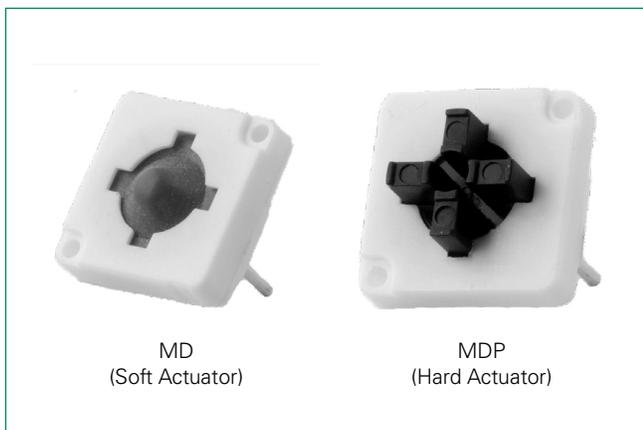


# MD & MDP Series

## Sealed Tactile Switch



MD  
(Soft Actuator)

MDP  
(Hard Actuator)

### Specifications

<b>Function</b>	Momentary action
<b>Contact Type</b>	Normally open - SPST
<b>Terminals</b>	Through hole PCB terminations

### Environmental & Electrical Characteristics

	Silver	Gold
<b>Operating Temperature</b>	-25°C to 70°C	-55°C to 85°C
<b>Max. Power</b>	1.0 VA	0.2 VA
<b>Min./Max. Voltage</b>	20m VDC - 100 VDC	
<b>Min./Max. Current</b>	1 mA to 100 mA	50µA to 50 mA
<b>Dielectric Strength</b>	≥ 250 Vrms	
<b>Contact Resistance</b>	≤ 100 mΩ	
<b>Insulation Resistance</b>	Initial measurement ≥ 1 GΩ After damp heat ≥ 10 MΩ	
<b>Bounce Time</b>	≤ 3 ms	

### Description

Aircraft instruments and panels need to be reliable and long-lasting. That's why so many designers in the industry turn to the MD series of short travel, self-cleaning keyswitches. Available in two actuator forces, the MD sealed tactile switch series are built to give end-users an excellent tactile feel every time. MDP keyswitches are perfect to give aircraft instruments, radio equipment, and panels the high-performing, long-lasting switches they need. MDP sealed tact switches are self-cleaning, available in two actuator forces, and perfect for short travel applications.

### Features & Benefits

- Short travel
- Good tactile feedback
- Self cleaning
- 2 actuator materials
- RoHS

### Applications

- Aircraft
- Instrument
- Panels
- Radio equipment

# MD & MDP Series

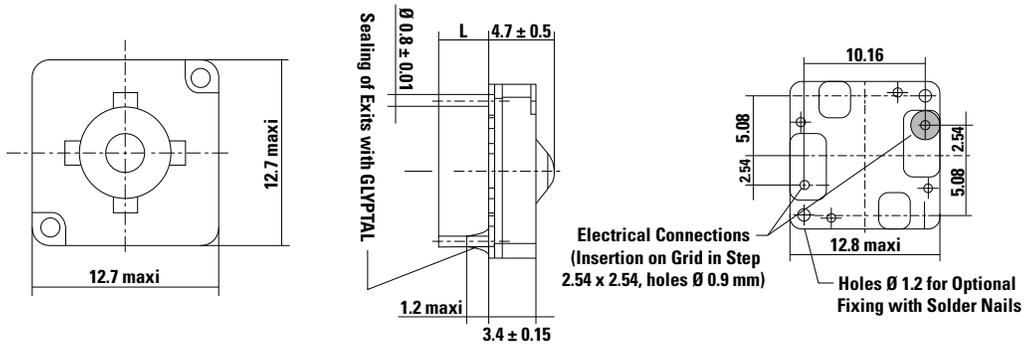
## Sealed Tactile Switch



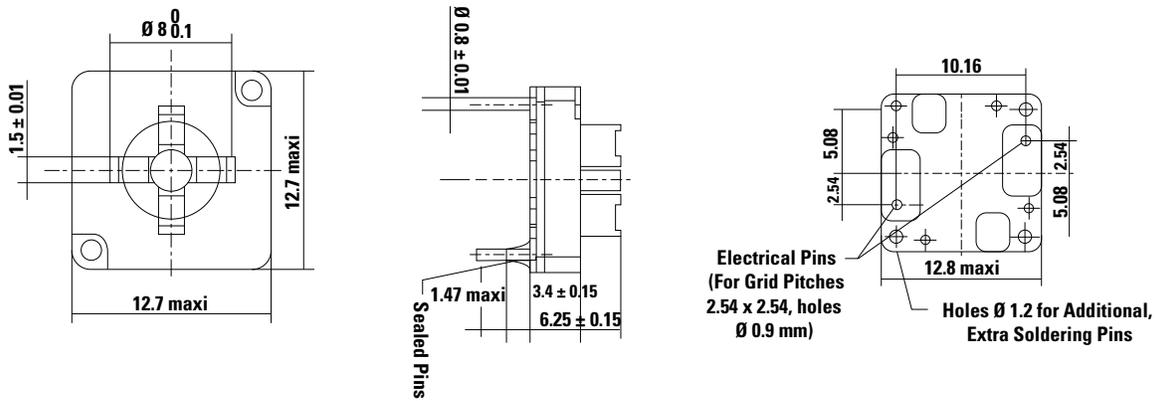
### Mechanical Characteristics

Type	Operating force N (grams)	Tactile feeling Δ%	Operating life	Travel mm
MD	2.4 N ± 25%	≥ 15%	1,000,000	0.95 mm ± 0.35
MDP	2.6 N ± 25%	≥ 25%	200,000	0.4 mm ± 0.25

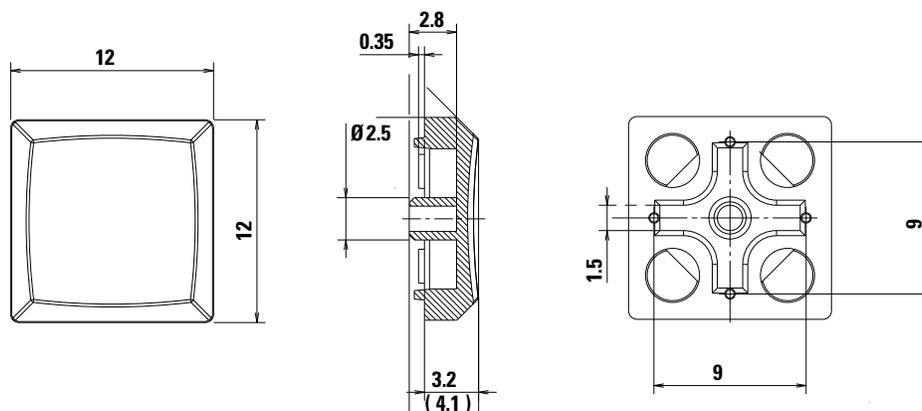
#### MD



#### MDP



#### MDP button



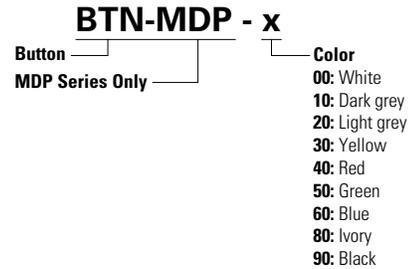
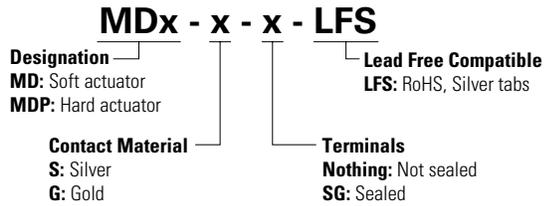
# MD & MDP Series

## Sealed Tactile Switch



### Ordering Number

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.



### Liability Limitation

This datasheet does not provide enough information for applications that require a certain level of quality or safety such as automotive, medical systems, or safety equipment. Please contact customer service for the contractual specification package.

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