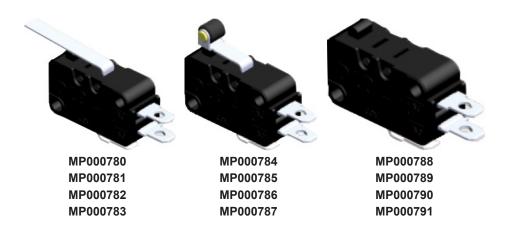
# **Panel Mount Snap Action Microswitches**





# RoHS Compliant

#### **Feature**

· Solder and Quick-Connect Terminals

## **Applications**

- Notebook
- Audio equipment
- · White goods

## **Specifications**

Contact Rating : 5A at 250V AC

Mechanical Durability : 5,000,000 cycles (60 Operations/min)
Electrical Durability : 1,00,000 cycles (30 Operations/min)

Contact Resistance :  $100m\Omega$  max.

Insulation Resistance :  $100M\Omega$  min. (at 500V DC)

Dielectric Strength : Between terminals of the same polarity: 600V AC (50Hz or 60Hz) shall be applied across

terminals for 1 minute

Between each terminal and ground: 1500V AC (50Hz or 60Hz) shall be applied across terminals

for 1 minute

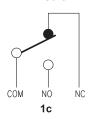
Between each terminal and n-current-carrying metal parts 1500V AC (50Hz or 60Hz) shall be

applied across terminals for 1 minute

Operating Frequency : Mechanical: 120 operations/min max.

Electrical: 20 operations/min max.

#### Circuit



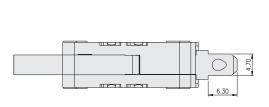
Newark.com/exclusive-brands Farnell.com/exclusive-brands Element14.com/exclusive-brands

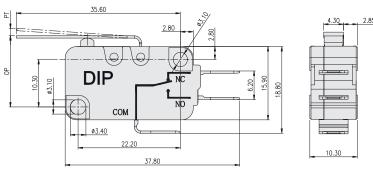


# **Panel Mount Snap Action Microswitches**



## MP000780, MP000781, MP000782 & MP000783





## **Operating Characteristics**

Over Travel : 1.6mm Min.

Movement Differential : 0.8mm Max.

Operating Position : 15.2mm ±1.2mm

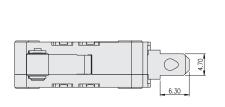
Pretravel : 4mm Max.

Actuator : Hinge Lever

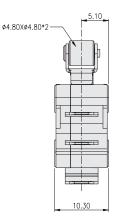
Operating Force		
MP000780	0.49N Max.	
MP000781	0.49N Max.	
MP000782	0.98N Max.	
MP000783	0.98N Max.	

Dimensions: Millimetres

## MP000784, MP000785, MP000786 & MP000787



# 20.10 DIP NO 08.21



# **Operating Characteristics**

Release Force : 0.04N Min
Overtravel : 0.8mm Min.
Movement Differential : 0.5mm Max.
Operating Position : 20.7mm ±0.6mm
Pretravel : 1.6mm Max.

Actuator : Short Hinge Roller Lever

Operating Force		
MP000784	0.49N Max.	
MP000785	0.49N Max.	
MP000786	0.98N Max.	
MP000787	0.98N Max.	

Dimensions: Millimetres

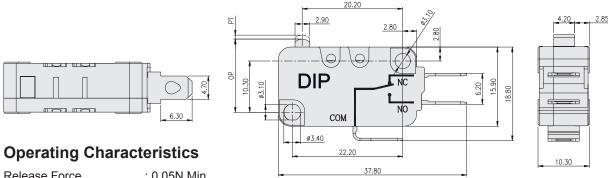
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# **Panel Mount Snap Action Microswitches**



#### MP000788, MP000789, MP000790 & MP000791



Release Force : 0.05N Min
Overtravel : 1mm Min.
Movement Differential : 0.4mm Max.
Operating Position : 14.7mm ±0.4mm
Pretravel : 1.2mm Max.
Actuator : Pin Plunger

Operating Force		
MP000788	0.49N Max.	
MP000789	0.49N Max.	
MP000790	0.98N Max.	
MP000791	0.98N Max.	

Dimensions : Millimetres

#### **Part Number Table**

Description	Part Number
Microswitch, Hinge Lever, 5A, 250V AC, SPDT, Solder	MP000780
Microswitch, Hinge Lever, 5A, 250V AC, SPDT, Quick Connect	MP000781
Microswitch, Hinge Lever, 5A, 250V AC, SPDT, Solder	MP000782
Microswitch, Hinge Lever, 5A, 250V AC, SPDT, Quick Connect	MP000783
Microswitch, Roller Lever, 5A, 250V AC, SPDT, Solder	MP000784
Microswitch, Roller Lever, 5A, 250V AC, SPDT, Quick Connect	MP000785
Microswitch, Roller Lever, 5A, 250V AC, SPDT, Solder	MP000786
Microswitch, Roller Lever, 5A, 250V AC, SPDT, Quick Connect	MP000787
Microswitch, Pin Plunger, 5A, 250V AC, SPDT, Solder	MP000788
Microswitch, Pin Plunger, 5A, 250V AC, SPDT, Quick Connect	MP000789
Microswitch, Pin Plunger, 5A, 250V AC, SPDT, Solder	MP000790
Microswitch, Pin Plunger, 5A, 250V AC, SPDT, Quick Connect	MP000791

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