

**RoHS
Compliant**



Features

- Sealed IP67
- Subminiature switch conforming to UL
- PCB terminal available
- Highly reliable with long operation life

Applications

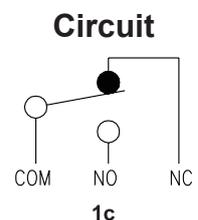
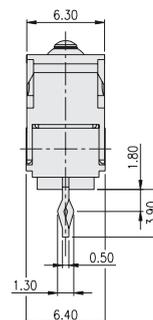
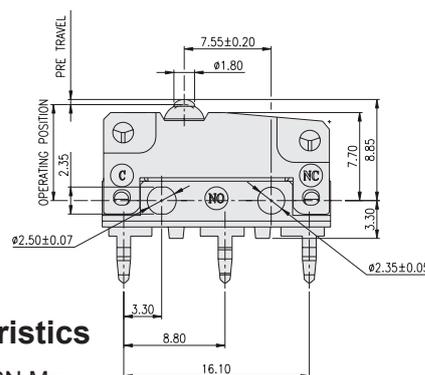
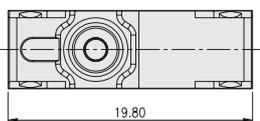
- Kitchen appliances
- Vacuum cleaner, Printers
- White goods
- Intelligent lock and low-voltage apparatus

Specifications

Contact Rating	: 2A at 30V DC / 250V AC
Mechanical Durability	: 1,000,000 cycles (60 Operations/min)
Electrical Durability	: 50,000 cycles (20 Operations/min)
Contact Resistance	: 50mΩ max.
Insulation Resistance	: 100MΩ min. (at 500V DC)
Dielectric Strength	: Between terminals of the same polarity 1,000V AC, 50/60 Hz for 1 min. Between current-carrying metal parts and ground 1,500V AC, 50/60 Hz for 1 min. Between each terminal and non-current-carrying metal part 1,500V AC, 50/60 Hz for 1 min.
Vibration Resistance	: Malfunction: 10 ~ 55 Hz, 1.5mm double amplitude
Shock Resistance	: Destruction: 1,000m/s ² max. Malfunction: 300m/s ² max.
Operating Speed	: 0.1 ~ 500mm/s
Operating Frequency	: Mechanical: 60 operations/min max. Electrical: 20 operations/min max.
Operating Temperature	: -40°C to +85°C

Diagram

MP000809



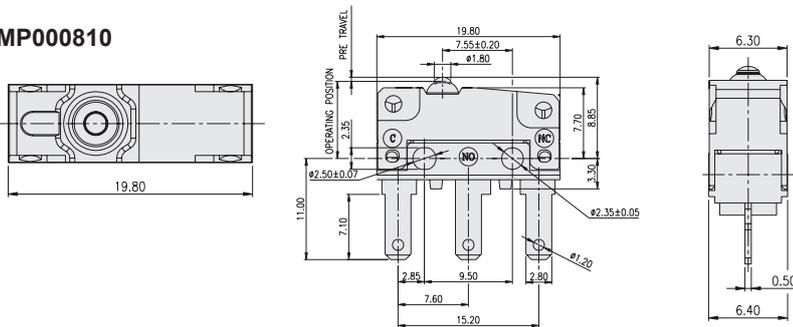
Operating Characteristics

Operating Force	: 1.8N Max.
Release Force	: 0.2N Min.
Over Travel	: 0.4mm Min.
Movement Differential	: 0.15mm Max.
Operating Position	: 8.4mm ±0.3mm
Pretravel	: 0.6mm Max.

Dimensions : Millimetres

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

MP000810

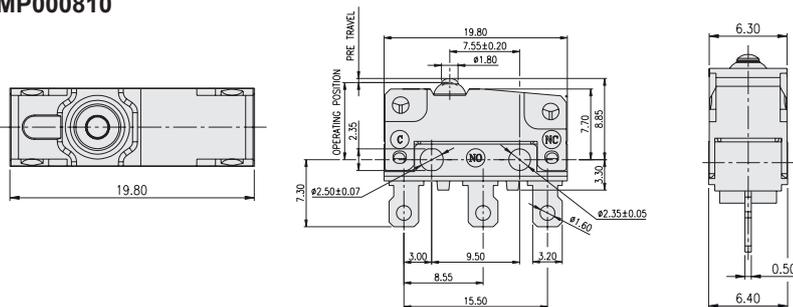


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Part Number Table

Description	Part Number
Microswitch, Pin Plunger, 2A, 250V AC, SPDT, Through hole	MP000809
Microswitch, Pin Plunger, 2A, 250V AC, SPDT, Quick Connect	MP000810
Microswitch, Pin Plunger, 2A, 250V AC, SPDT, Solder	MP000811

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