

FEATURES

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

APPLICATION

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

SPECIFICATION

Contact Rating	2A at 250VAC/30 VDC
Mechanical Durability	1,000,000 cycles MIN.
Electrical Durability	50,000 cycles MIN.
Contact Resistance	50mΩ MAX.
Insulation Resistance	100MΩ MIN. (at 500VDC)
Dielectric Strength	Between terminals of the same polarity 1,000VAC, 50/60 Hz for 1 minute Between current-carrying metal parts and ground 1,500VAC, 50/60 Hz for 1 minute Between each terminal and non-current-carrying metal part 1,500VAC, 50/60 Hz for 1 minute
Operating Temp.	-25°C~+85°C

HOW TO ORDER

M S W - [] - [] - [] - []

CODE	Rating
2	2A at 30VDC 2A at 250VAC

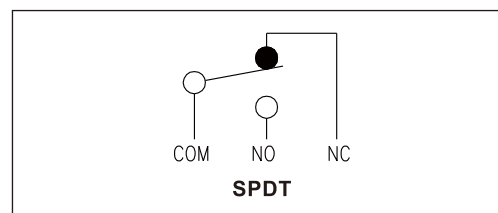
CODE	Actuator
P	Pin Plunger

CODE	Force
N	183gf(1.8N) MAX.

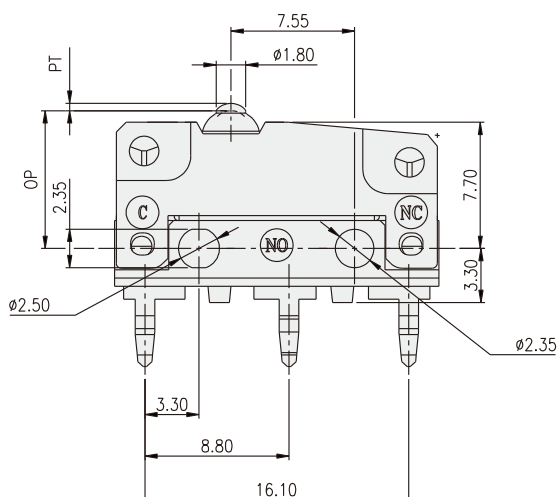
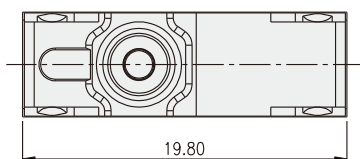
CODE	Contact Form
1	SPDT

CODE	Terminal Type
D	PCB (Uneven Pitch)
K	Quick-connect (#110)
S	Solder

CIRCUIT



MSW-2PN-1D



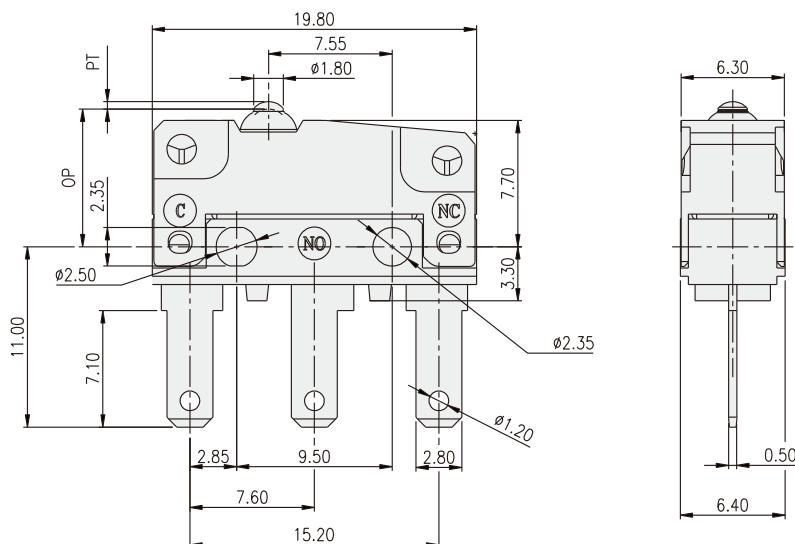
OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	183gf (1.8N) MAX.
RELEASE FORCE(RF)	20gf (0.2N) MIN.
PRETRAVEL(PT)	0.6mm MAX.
OVERTRAVEL(OT)	0.4mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.15mm MAX.
OPERATING POSITION(OP)	8.4±0.3mm

MSW-2PN-1K

OPERATING CHARACTERISTICS

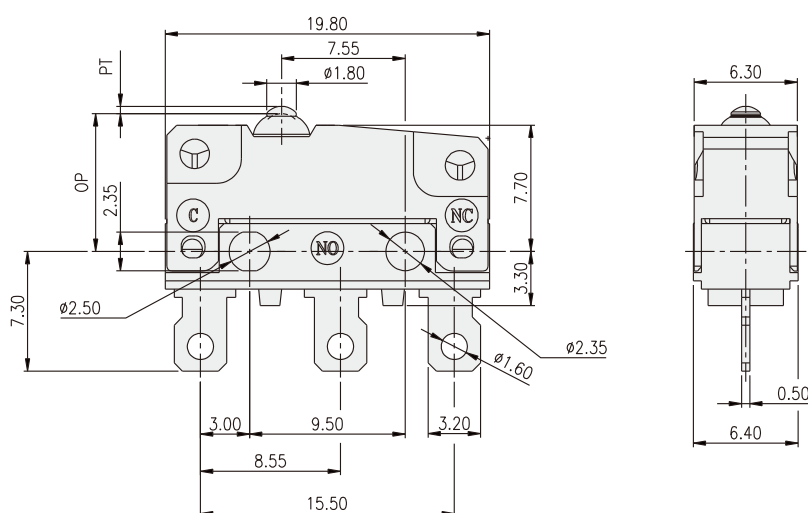
ITEM	SPEC.
OPERATING FORCE(OF)	183gf (1.8N) MAX.
RELEASE FORCE(RF)	20gf (0.2N) MIN.
PRETRAVEL(PT)	0.6mm MAX.
OVERTRAVEL(OT)	0.4mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.15mm MAX.
OPERATING POSITION(OP)	8.4±0.3mm



MSW-2PN-1S

OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	183gf (1.8N) MAX.
RELEASE FORCE(RF)	20gf (0.2N) MIN.
PRETRAVEL(PT)	0.6mm MAX.
OVERTRAVEL(OT)	0.4mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.15mm MAX.
OPERATING POSITION(OP)	8.4±0.3mm



Mouser Electronics

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