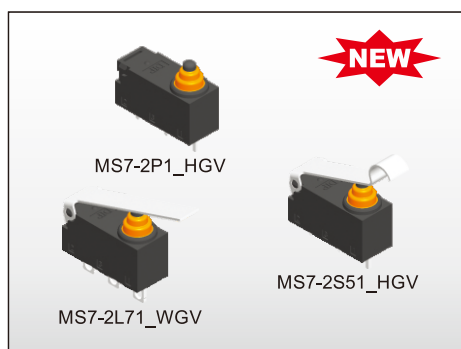




FEATURES

- ※PC board terminals option
- ※13.3x5.3x7.2mm
- ※Variety of lever options
- ※Sealed IP67.

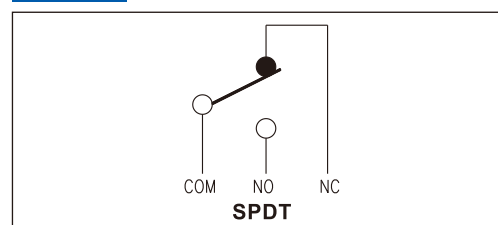
APPLICATION

- ※Automotive industry
- ※Household appliances
- ※Vacuum cleaner

SPECIFICATION

Contact Rating	2A at 12VDC/1A at 24VDC
Mechanical Durability	1,000,000 cycles MIN.
Electrical Durability	100,000 cycles MIN.
Contact Resistance	150mΩ MAX.
Insulation Resistance	100MΩ MIN. (at 500VDC)
Dielectric Strength	Between terminals of the same polarity: 600VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and ground: 1500VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and non-current-carrying metal parts 1500VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
Operating Temp.	-40°C ~ +85°C

CIRCUIT



HOW TO ORDER

MS 7 -

Rating: _____
2=12VDC 2A
24VDC 1A

Actuator: _____
P=Pin Plunger
L7=Long Hinge Lever
S5=Simulated Roller Lever

Contact Form:
1=SPDT

- V=RoHS & Lead Free

- Plating:
G=Silver Plating

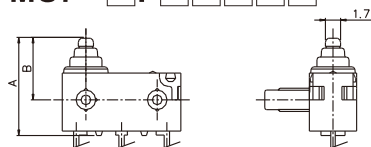
- Terminal:
 - H=PCB Terminal
 - L1=PCB Terminal (Left-angled)
 - W=Solder Terminal

- Posts:
 - A =Without Posts
 - BJ=Long Posts on Left
 - BK=Long Posts on Right
 - EJ=Short Posts on Left
 - EK=Short Posts on Right

Actuator:

Pin Plunger

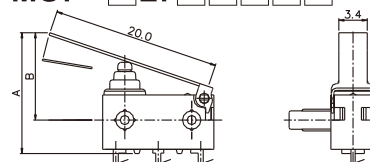
MS7 - P



WITHOUT POSTS(A)	MODELS WITH POSTS(B)
11.2mm MAX.	7.2mm MAX.

Long Hinge Lever

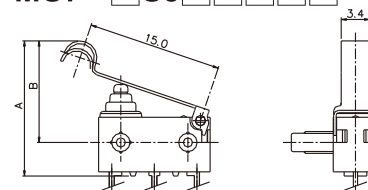
MS7 - L7



WITHOUT POSTS(A)	MODELES WITH POSTS(B)
15.5mm MAX	11.5mm MAX

Simulated Roller Lever

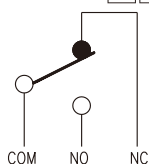
MS7 - S5



WITHOUT POSTS(A)	MODELES WITH POSTS(B)
16.5mm MAX	12.5mm MAX

Contact Form:

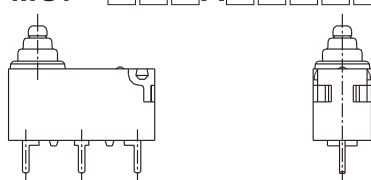
SPDT

MS7 - 1 

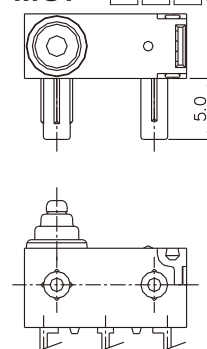
Posts:

Without Posts

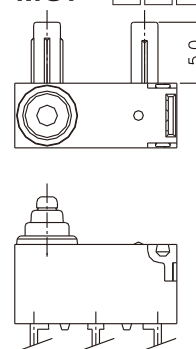
MS7 - A



Long Posts on Left

MS7 - BJ 

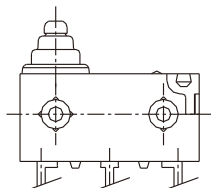
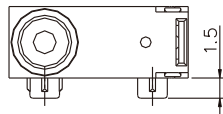
Long Posts on Right

MS7 - BK 

Posts:

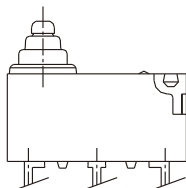
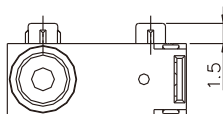
Short Posts on Left

MS7 - ☐☐☐☐**EJ**☐☐☐☐



Short Posts on Right

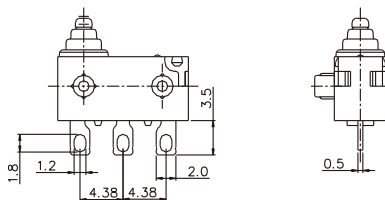
MS7 - ☐☐☐☐**EK**☐☐☐☐



Terminal:

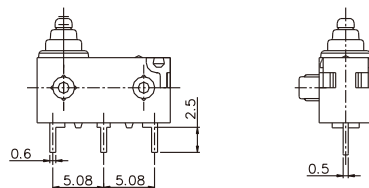
Solder Terminal

MS7 - ☐☐☐☐☐**W**☐☐☐☐



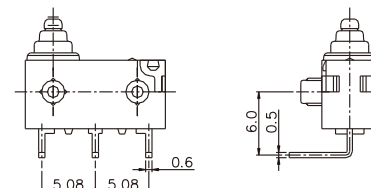
PCB Terminal

MS7 - ☐☐☐☐☐**H**☐☐☐☐

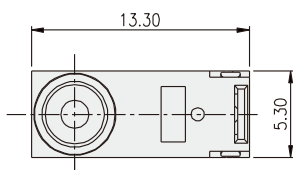


PCB Terminal (Left Angled)

MS7 - ☐☐☐☐☐**L1**☐☐☐☐

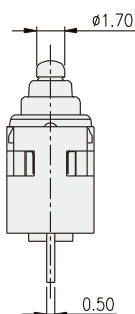
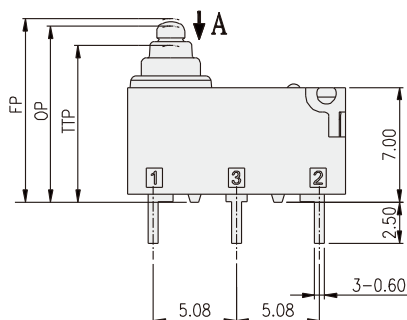


MS7-2P1☐**HGV**



OPERATING CHARACTERISTICS

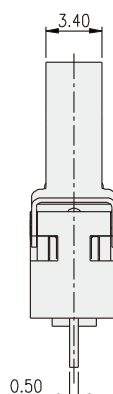
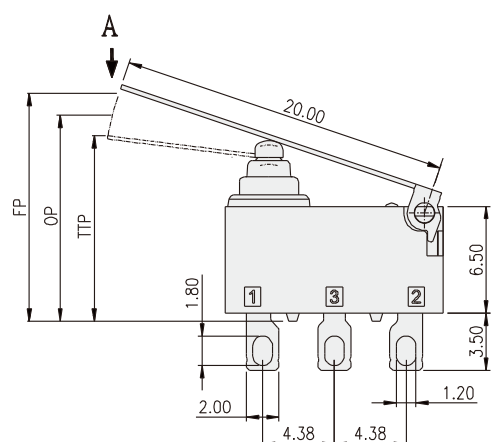
TYPE	WITHOUT POSTS	MODELES WITH POSTS
ITEM	SPEC.	
OPERATING FORCE(OF)	75gf(0.75N) MAX.	
RELEASE FORCE(RF)	10gf(0.1N) MIN.	
OVERTRAVEL(OT)	1.4mm MIN.(Reference)	
MOVEMENT DIFFERENTIAL(MD)	0.25mm MAX.	
FREE POSITION(FP)	11.2mm MAX.	7.2mm MAX.
OPERATING POSITION(OP)	10.40±0.20mm	6.40±0.20mm
TOTAL TRAVEL POSITION(TTP)	9.1mm MAX.	5.1mm MAX.



MS7-2L71

OPERATING CHARACTERISTICS

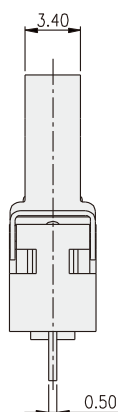
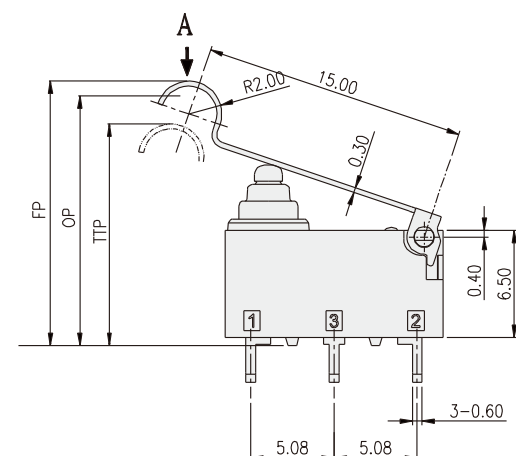
TYPE	WITHOUT POSTS	MODELES WITH POSTS
ITEM	SPEC.	
OPERATING FORCE(OF)	50gf(0.5N) MAX.	
RELEASE FORCE(RF)	3gf(0.03N) MIN.	
OVERTRAVEL(OT)	2.5mm MIN.(Reference)	
MOVEMENT DIFFERENTIAL(MD)	0.8mm MAX.	
FREE POSITION(FP)	15.5mm MAX.	11.5mm MAX.
OPERATING POSITION(OP)	13.30±0.80mm	9.30±0.80mm
TOTAL TRAVEL POSITION(TTP)	11mm MAX.	7.0mm MAX.



MS7-2S51

OPERATING CHARACTERISTICS

TYPE	WITHOUT POSTS	MODELES WITH POSTS
ITEM	SPEC.	
OPERATING FORCE(OF)	66gf(0.65N) MAX.	
RELEASE FORCE(RF)	5gf(0.05N) MIN.	
OVERTRAVEL(OT)	1.90mm MIN.(Reference)	
MOVEMENT DIFFERENTIAL(MD)	0.5mm MAX.	
FREE POSITION(FP)	16.5mm MAX.	12.5mm MAX.
OPERATING POSITION(OP)	15.20±0.50mm	11.20±0.50mm
TOTAL TRAVEL POSITION(TTP)	13.5mm MAX.	9.5mm MAX.



Mouser Electronics

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[MS7-2S51EJL1GV](#) [MS7-2S51EJWGV](#) [MS7-2S51EKWGV](#) [MS7-2P1EJWGV](#) [MS7-2P1EKWGV](#) [MS7-2S51AHGV](#)
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[MS7-2P1BJWGV](#) [MS7-2P1BKWGV](#) [MS7-2P1EJL1GV](#) [MS7-2L71AHGV](#) [MS7-2L71BJL1GV](#) [MS7-2L71BJWGV](#) [MS7-2L71BKWGV](#) [MS7-2L71EJL1GV](#) [MS7-2L71EJWGV](#)