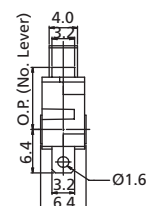


MP2 Series



MP2 H01

D Solder Terminal **O** Quick Connect **H** P.C.B. Terminal Straight **L** P.C.B. Terminal Left Angle **R** P.C.B. Terminal Right Angle

00 Pin Plunger 01 Short 02 Standard

03 Long 04 Simulated

05 Roller 06 Bending

Hinged Type	O.P. (mm)	P.T. max. (mm)	O.T. min. (mm)	M.D. max. (mm)	Operating Force max. (gf)				Release Force min. (gf)			
					M	L	N	H	M	L	N	H
00	8.40±0.50	0.4	0.7	0.2	50	100	150	250	15	15	35	140
01	9.15±0.85	1.5	1.7	0.8	20	25	45	80	5	5	12	15
02	9.25±0.95	1.8	2.3	0.8	20	20	45	80	5	5	12	15
03	9.3±1.0	2.3	3.0	0.8	15	15	40	70	5	5	12	15
04	10.3±1.0	2.8	1.0	0.8	15	15	40	70	5	5	12	15
05	14.3±1.0	2.5	1.5	0.8	15	15	40	70	5	5	12	15
06	12.55±1.25	2.0	1.5	0.8	15	15	40	70	5	5	12	15

O.P. (Operation Position): The position of the actuator at which the contact snap to the operated contact position
F.P. (Free Position): The initial position on the actuator when there is no external force applied
P.T. (Pretravel): The distance or angle through which the actuator moves from the F.P. to the O.P.
O.T. (Over Travel): The distance or angle of the actuator movement beyond the O.P.
R.P. (Releasing Position): The position of the actuator at which the contacts snap from the operated contact position to their normal position
M.D. (Movement Differential): The distance or angle from O.P. to R.P.

MP2

1	2	3	4	5
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FEATURES

- » SPDT Miniature Micro Switch
- » Long Life spring mechanism
- » Large over travel
- » Small compact size

MATERIAL

- » Stationary Contact: Silver (5A)
Brass copper (0.1A)
- » Movable Contact: Silver alloy
- » Terminals: Brass Copper

MECHANICAL

- » Type of Actuation: Momentary
- » Mechanical Life: 300,000 operations min.
- » Operating Temperature: -25°C to +105°C

ELECTRICAL

- » Electrical Life: 10,000 operations min.
- » Initial Contact Resistance: 30mΩ max.
- » Insulation Resistance: 100MΩ min.

1 CURRENT RATING:

R1 0.1A 48VDC
R2 5A 125/250VAC

2 CLOTHED MATERIAL:

AG Silver (Standard)
AU Gold

3 TERMINAL

- D** Solder Lug
- Q** Quick Connect
- H** P.C.B. Terminal Straight
- L** P.C.B. Terminal Left Angle
- R** P.C.B. Terminal Right Angle

4 HINGED TYPE
(See above drawings):

- 00 Pin Plunger
- 01 Short Hinge Lever
- 02 Standard Hinge Lever
- 03 Long Hinge Lever
- 04 Simulated Hinge Lever
- 05 Roller Hinge Lever
- 06 Bending Hinge Lever

5 OPERATING FORCE

M	Minimal Force
L	Lower Force
N	Standard Force
H	Higher Force