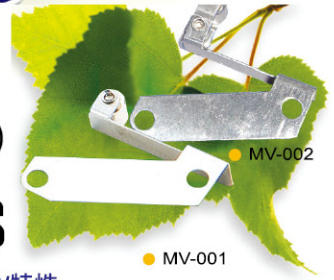


## ▶ MV SERIES MICRO SWITCHES



### ◆ FEATURES/功能

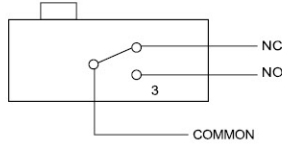
- Small dimensions suitable for OEM uses. / 適用於 " OEM "
- High temperature type, max 120°C. / 耐高溫型，最高可達120°C
- Wide choice of heads and actuators. / 具各種不同連桿
- Long life services. / 使用壽命長



### ◆ RATING/額定

- Standard type 一般型  
(UL recognized) UL認可  
1) 5A 125 or 250VAC  
2) 0.5A 125 or 250VDC
- High current type 大電流型  
1) 20A 125 or 250VAC  
2) 0.5A 125 or 250VDC

### ◆ CIRCUITRY/電氣回路



### ◆ CHARACTERISTICS/特性

Operating speed	速度	0.01mm to 1m/sec
Operating frequency	頻率	Mechanically: 600 operations/min. Electrically: 60 operations/min.
Contact resistance	接觸電阻	15m Ω max. (initial)
Insulation resistance	絕緣電阻	100M Ω min. (at 500 VDC)
Dielectric strength	耐壓	1,000 VAC, 50/60 Hz for 1 minute between non-continuous terminals 2,000 VAC, 50/60 Hz for 1 minute between current-carrying part and ground
Vibration	震動	Malfunction durability: 10 to 55Hz 1.5mm double amplitude
Shock	衝擊	Mechanical durability: Approx. 1,000m/sec <sup>2</sup> (approx. 100G's) Malfunction durability: Approx. 300 m/sec <sup>2</sup> (approx. 30 G's)
Ambient operating temperature	溫度	General purpose type: -25°C to + 80°C High temperature type: 25°C to 120°C
Humidity	濕度	General purpose type: 85% RH max Sealed type: 95% RH
Service life	壽命	Mechanically: 5,000,000 operations min Electrically: (1.5A, 110VAC) MAX 500,000 operations min.

### ◆ REMARK

- MV-3003AL, MV-3003BL → Actuator length 55.5mm/柄長55.5mm

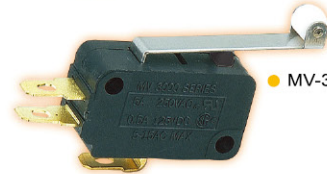
### ◆ ORDER GUIDE

	MV - □ □ □ □ □ □ □ □						
	①	②	③	④	⑤	⑥	⑦
①基本型號 Series name	MV: 微動開關		Micro switches				
②操動器型式 Actuator	3000: 按鈕型	Pushbutton					
	3001: 凸柄型	Dummy roller lever					
	3002: 短搖柄型	Hinge lever, short					
	3003: 長搖柄型	Hinge lever, long					
	3004: 短輪柄型	Roller lever, short					
	3005: 長輪柄型	Roller lever, long					
③動作用力 Operating force	A: 標準型	Standard type					
	B: 輕量型	Light force type					
④長搖柄型式 Long lever type	L: 加長搖柄	Extra long lever					
	無: 一般長搖柄	Normal long lever					
⑤大電流型 Big current	20: 大電流型	20安培	20 Amp				
⑥接點型式 Contacts	NO: 一組常開接點	Normally open					
	NC: 一組常閉接點	Normally close					
	無: 標準品	1NO+1NC					
⑦滾輪型式 Roller type	P: 塑膠滾輪	Plastic roller					
	無: 金屬滾輪	Metal roller					

● MV-3002



● MV-3005-P



● MV-3004S



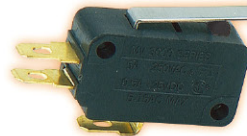
● MV-3003



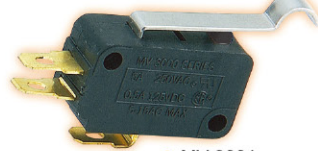
● MV-3004



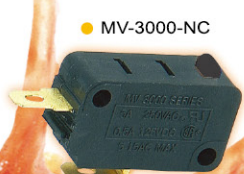
● MV-3003L



● MV-3001



● MV-3000-NC



● MV-3000



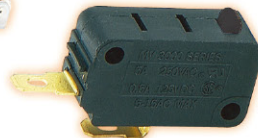
● MV-3004-P



● MV-3005



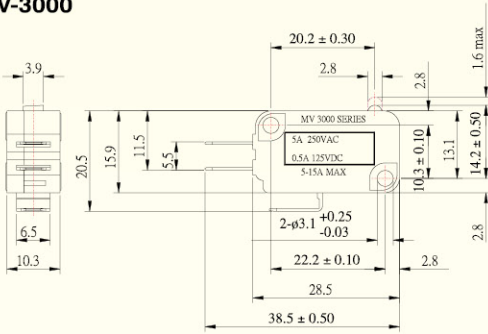
● MV-3000-NO



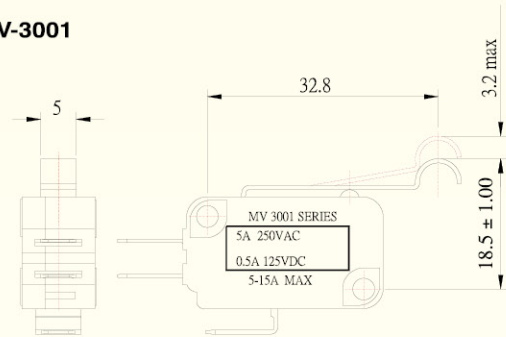
# ORDER GUIDE

## DIMENSIONS (mm)

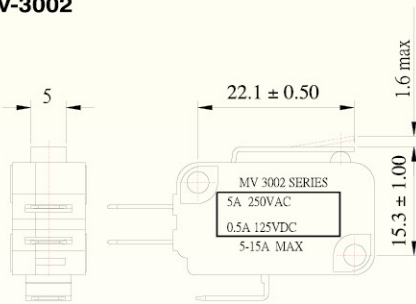
### ● MV-3000



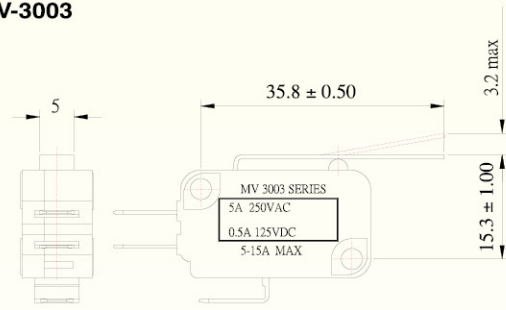
### ● MV-3001



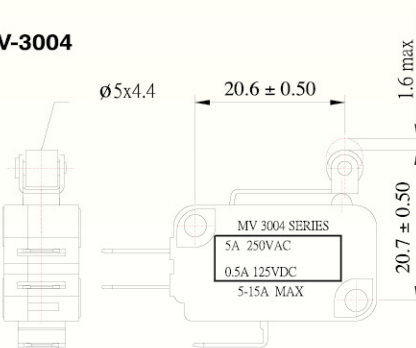
### ● MV-3002



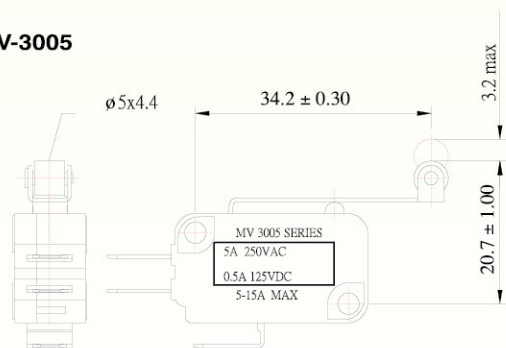
### ● MV-3003



### ● MV-3004



### ● MV-3005



## OPERATING CHARACTERISTICS

MV-3000	A	B
OF MAX	250g	100g
RF MIN	50g	25g
PT MAX	1.2mm	
OT MIN	1.0mm	
DT MAX	0.4mm	
OP	14.70 ± 0.4	

MV-3001	A	B
OF MAX	140g	60g
RF MIN	20g	10g
PT MAX	4.0mm	
OT MIN	1.6mm	
DT MAX	1.5mm	
OP	18.70 ± 1.2	

MV-3002	A	B
OF MAX	250g	100g
RF MIN	50g	25g
PT MAX	1.6mm	
OT MIN	0.8mm	
DT MAX	0.6mm	
OP	15.20 ± 0.5	

MV-3003	A	B
OF MAX	140g	60g
RF MIN	20g	10g
PT MAX	4.0mm	
OT MIN	1.6mm	
DT MAX	1.5mm	
OP	15.20 ± 1.2	

MV-3004	A	B
OF MAX	280g	110g
RF MIN	50g	20g
PT MAX	1.6mm	
OT MIN	0.8mm	
DT MAX	0.6mm	
OP	20.70 ± 0.6	

MV-3005	A	B
OF MAX	140g	60g
RF MIN	20g	10g
PT MAX	4.0mm	
OT MIN	1.6mm	
DT MAX	1.5mm	
OP	20.70 ± 1.2	