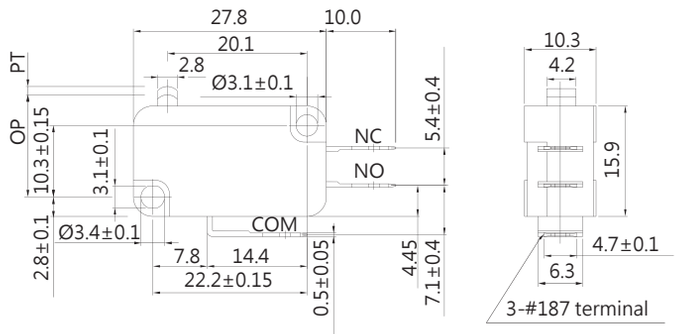
ZIPPY TECHNOLOGY CORP.

VMN SERIES

DIMENSIONS

Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



SPECIFICATIONS

Contact Resistance(initial)

Max. 100 mΩ

Measured by ohm meter - open voltage < 1VDC, driver current -100 mA

Insulation Resistance (at 500 VDC / minute)

Min. 100 MΩ

Dielectric Strength

Min. 1000VAC(50-60HZ)/minute between Live parts.

Min. 1500VAC(50-60HZ)/minute between Live parts and dead metal parts

Operating Temperature Range

-40℃ to 125℃ (with no icing)

Vibration

10~55Hz, displacement 0.75 mm (p-p)

Electrical Service Life

0.1A - Min. 1,000,000 operations

Other ratings - Min. 10,000 operations

Electrical Operating Frequency

10~30 operations per minute

Mechanical Service Life

Min. 10,000,000 operations

Mechanical Operating Frequency

120 operations per minute

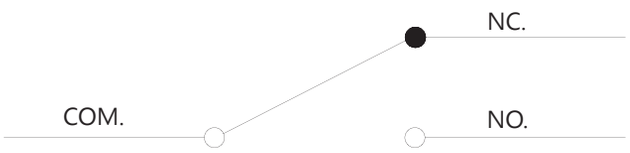
Operating application of the switch

Set the switch pushing distance from 60% to 90% of the specified OT value

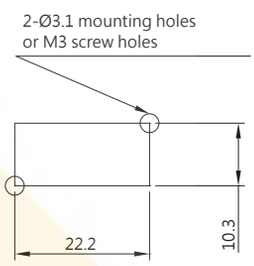
TYPICAL APPLICATIONS

Joysticks, HEVAC, Small Household Appliances, Industrial

CONTACT CONFIGURATION



MOUNTING HOLES



CERTIFICATE INFORMATION

Model Name	UL、cUL	ENEC
VMN-P1	0.1A 30VDC (Temp:120℃) 0.1A 125/250 VAC (Temp:120℃) Min. 6,000 operations	0.1A 125/250VAC μ40T125 1E4
VMN-03	3A 125/250 VAC (Temp:120℃) Min. 6,000 operations	3A 125/250VAC μ40T125 1E4
VMN-06	6A 125/250 VAC (Temp:120℃) Min. 6,000 operations	6A 125/250VAC μ40T125 1E4
VMN-T6S	6A 125/250 VAC (Temp:200℃) Min. 6,000 operations	Non
VMN-10	10A 125/250 VAC (Temp:120℃) Min. 6,000 operations	10A 125/250VAC μ40T125 1E4
VMN-15	15A 1/2HP 125/250 VAC (Temp:120℃) Min. 6,000 operations	15A 16(4)A 125/250VAC μ40T125 1E4

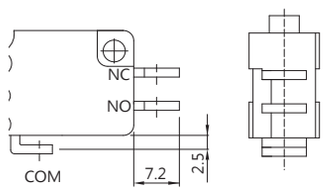
THE SELECTION OF RATING & FORCE

MODEL	Rating	BA	DC	NM	LK	SR	HG	SPECIFY H & G
VMN	0.1A	*	*	*	*	*	*	*
	3A		*	*	*	*	*	*
	6A			*	*	*	*	*
	10A				*	*	*	*
	15A					*	*	*
	16(4)A							*

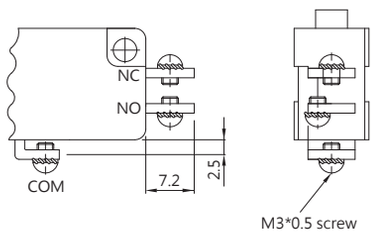
NOTE：The Symbol " * " to represent the result is accepted

TERMINAL TYPES

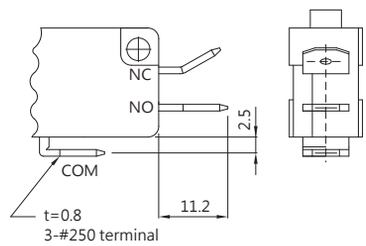
Solder terminal A TYPE



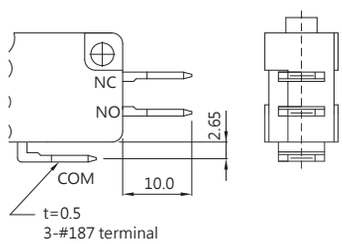
Screw terminal B TYPE



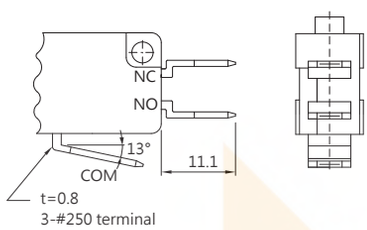
Terminal 250 Series C TYPE



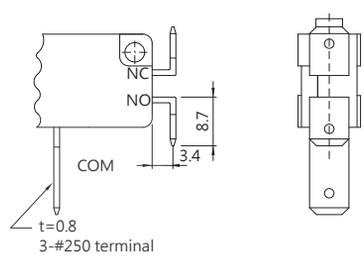
erminal 187 Series D TYPE



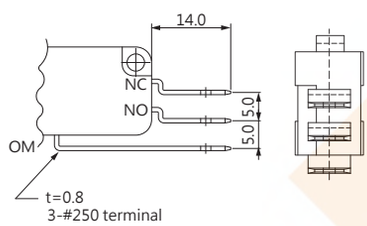
Terminal 250 Series E TYPE



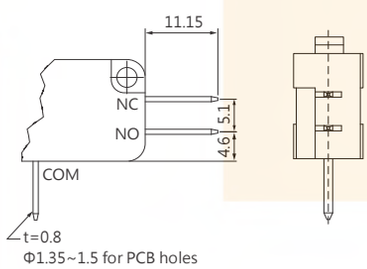
Terminal 250 Series F TYPE



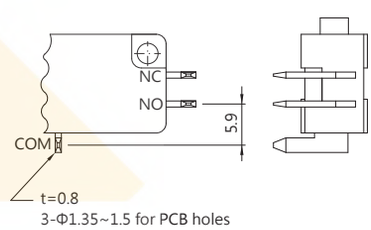
erminal 250 Series G TYPE



PCB terminal K TYPE



PCB terminal P TYPE



ORDERING INFORMATION

V M N — P 1 H — 0 3 D 0 — B — Z

SERIES PREFIX

CODE	RATING CURRENT
P1	0.1A 125/250 VAC
03	3A 125/250 VAC
06	6A 125/250 VAC
10	10A 125/250 VAC
15	15A 125/250 VAC 16(4) 125/250 VAC

CODE	OPERATING FORCE
B	8.4
D	
N	
L	
S	
H	
A	14.2
C	
M	
K	
R	
G	

CODE	ACTUATOR TYPE
00	No Lever
01	
02	
03	
04	

CODE	TERMINAL TYPE
A	SOLDER TERMINAL
B	SCREW TERMINAL
C	250 SERIES
D	187 SERIES
E	250 SERIES
F	250 SERIES
P	PCB TERMINAL
G	250 SERIES
K	PCB SERIES

CODE	CIRCUIT ARRANGEMENT
0	S.P.D.T
1	S.P.ST. NO
2	S.P.ST. NC

CODE	COLOR
B	BLACK

ROHS CODE

#NOTE		
ITEM	RATING CURRENT	OPERATING FORCE
1	0.1A	ALL
2	3A	D, N, L, S, H, C, M, K, R, G, SPECIFY H&G
3	6A	N, L, S, H, M, K, R, G, SPECIFY H&G
4	10A	L, S, H, K, R, G, SPECIFY H&G
5	15A	S, H, R, G, SPECIFY H&G
6	16(4)A	SPECIFY H&G