

## ZIPPY SM Series SM Series (Micro Switch)



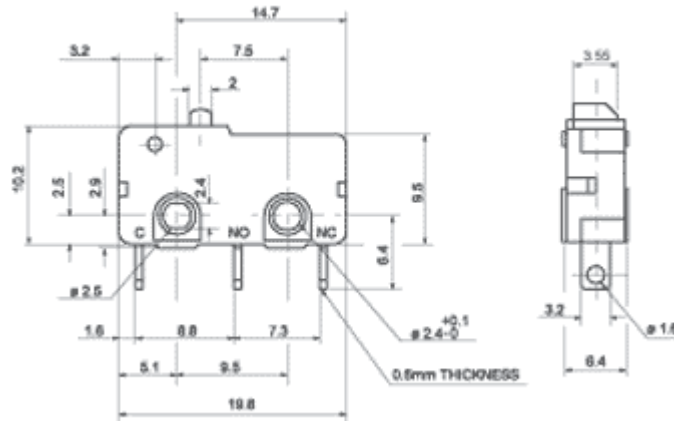
### Ratings:

SM-05 5A 125VAC  
SM-05 5A 250VAC

SM-10 10.1A 125VAC  
SM-10 10.1A 250VAC

### Dimension:

Unless otherwise specified, a tolerance of  $\pm 0.4$  mm applies to all dimensions.



### Features:

Small compact size, Customer designs, Rock wipe contact action, Integral hinge actuator, Long life coil spring mechanism

### Specifications:

Operating Frequency (mechanical).....120 operations / min

Operating Frequency (electrical).....10 ~ 30 operations / min

Contact Resistance (initial).....30m  $\Omega$  (Max.)

Insulation Resistance (at 500VDC).....100M  $\Omega$  (Min.)

Dielectric Strength (50-60Hz).....AC 1,000V RMS

Storage Temperature.....-25 ~ +85  $^{\circ}$ C

Storage Humidity.....85% RH (Max.)

Service Life (mechanical).....10,000,000 operations

Service Life (electrical).....6,000~100,000 operations

### Application:

Telephone , Air condition , Computer , Humidifier , Alarm , Time recorder , mixer & chopper , neon phone , Fax machine , Joystick , Water pump , Gas detector , Pencil sharpener , Money sorter , Food processor , Electric knife , Toy car , juice maker , Light , etc.

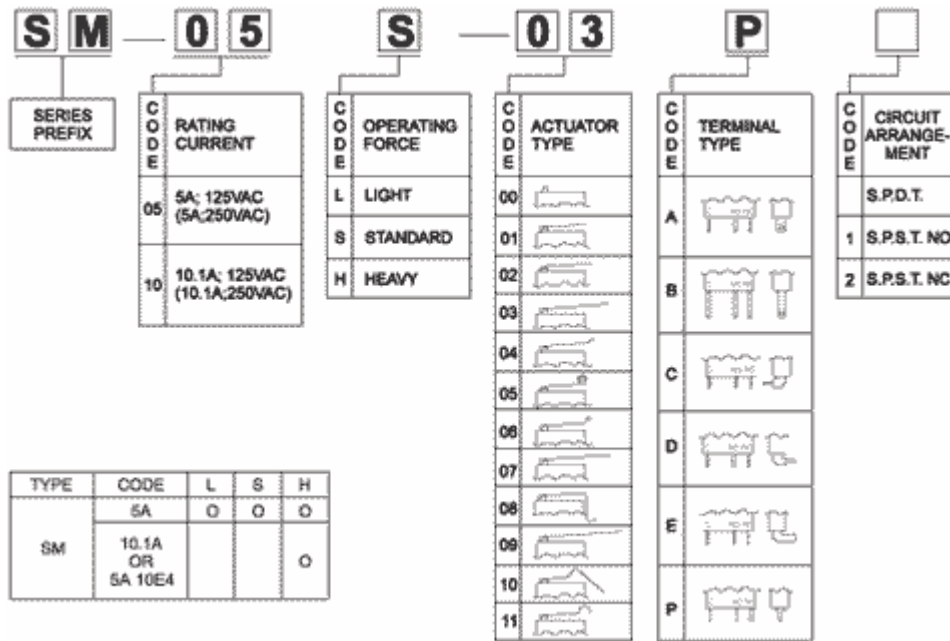
## Contact Configuration:



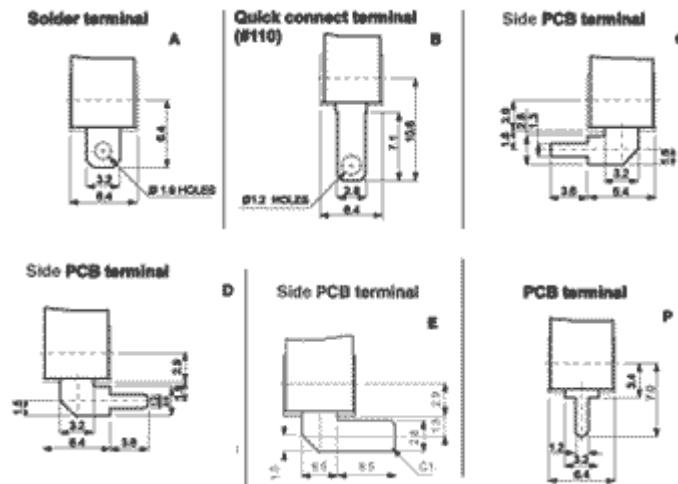
## Operating Characteristics:

ACTUATOR TYPES	PART SUFFIX	OF Max. (g)	OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	RF Min. (g)	
	-00A	H	249	11.4±0.3	1.1	0.4	0.2	12.2	50
		S	146						35
		L	104						20
	-01A	H	60	11.8±0.8	3.6	0.6	0.8	14.6	15
		S	35						10
		L	25						6
	-02A	H	55	11.8±0.9	4.0	0.6	0.8	14.9	13
		S	33						6
		L	25						6
	-03A	H	45	11.8±1.5	6.1	0.8	1.5	16.4	13
		S	25						6
		L	20						5
	-04A	H	56	13.7±1.0	4.6	0.8	0.8	17.3	13
		S	34						8
		L	25						5
	-05A	H	60	17.5±0.8	3.8	0.8	0.8	20.5	15
		S	35						6
		L	25						6
	-06A	H	48	19.0±1.5	5.7	1.0	1.0	23.2	10
		S	28						6
		L	20						4
	-07A	H	30	11.8±2.0	8.6	1.5	1.8	16.4	7
		S	20						4
		L	15						2
	-08A	H	30	-2.3±3.0	4.7	1.0	1.9	5.4	6
		S	20						4
		L	15						2
	-08A	H	18	11.8±3.0	13.3	1.0	2.9	22.1	4
		S	12						2.5
		L	8						1.5

## Ordering Information:



## Terminal Types:



## Mounting Holes:

