

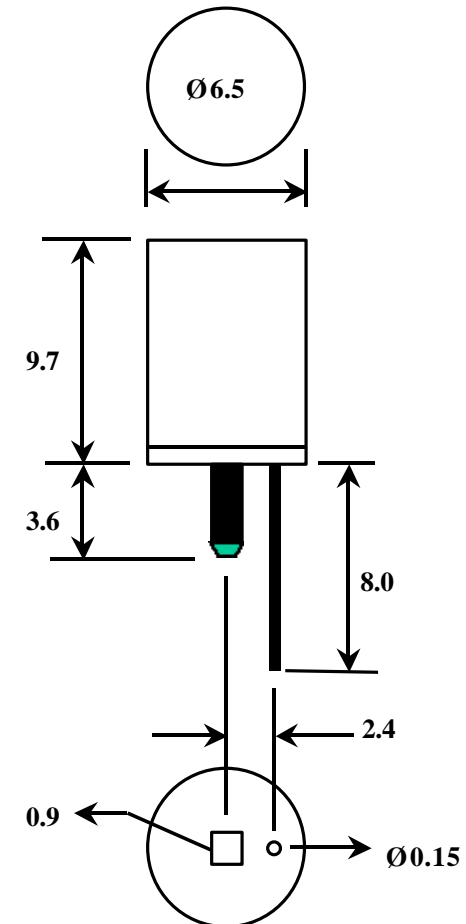
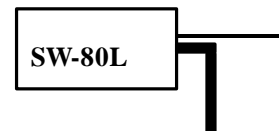
MEC Shake Switch

The Illustration of Shake Switch SW-30 & SW-80L Series

1. It keeps on turning off state in repose, when it is hit by outside force and comes to the proper shaking state or the moving speed comes to the proper centric force, then the current leader point will display turning on state for a short time the electric character will change. As the outside force disappears, it restores the turning off state.
2. It is completed sealed, and can protect from water & dust. (Suit for sealing products)
3. No direction, turning on by any touching off angle.
4. According to the customers' require the touching on force can be selected.

REMARK**
CENTER PIN IS "L" SHAPE

<p>Electric Character: Voltage: <12V Current: <1mA Leading on time: <2mS Leading on resistant: >10 ohm Turning off resistant: >10M ohm Temperature: <100</p>
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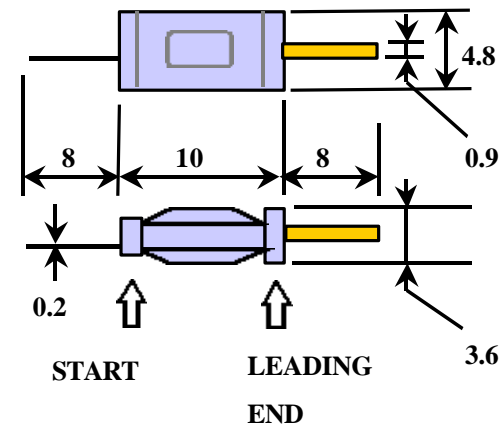


Unit: mm

MEC Shake Switch

The Illustration of Shake Switch SW-100 Series

1. The switch is made of metal, the electric character is approximate to the mercury switch, while no dangers or environment problems like mercury switch, with the same function of leading unilateralist electricity in vibrating conditions.
2. Working character: the big end is turning on point, and the small end is turning off point. When it's receiving the outside swaying or the golden end installed lower the lever, short time electric leading or continuous leading state of the leader point's electric character will show. Provided it restores the turning off state, the setting surroundings must be in silent, and the small end angle must be installed lower the lever.
3. It is suit for little current touching on circuit, not for power switch.
4. The switch is in plastic pipe, so as to avoid dust and water.



Electric Character:

Voltage: <12V

Current: <1mA

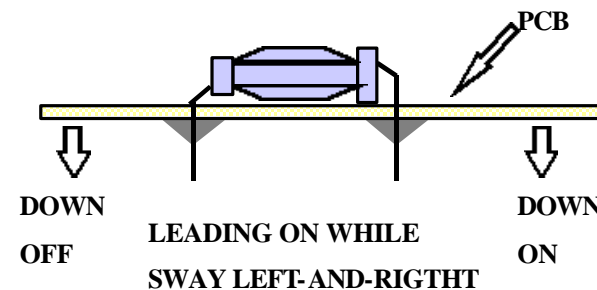
Leading on time: <2ms

Leading on resistant: >10 ohm

Turning off resistant: >10M ohm

Temperature: <100

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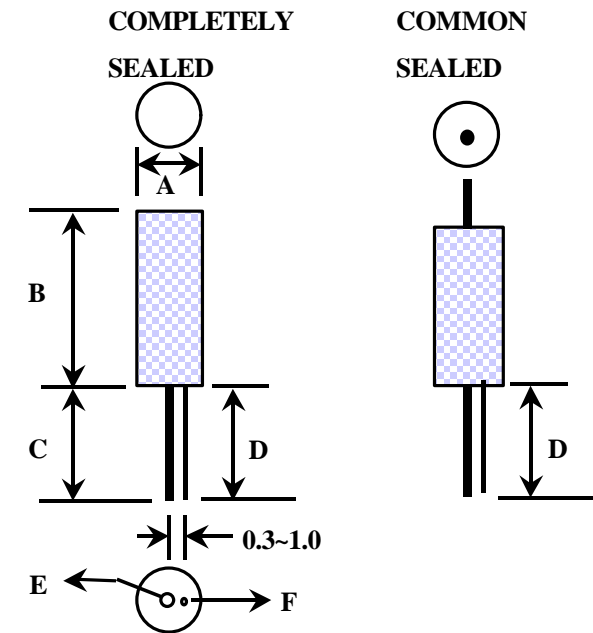


Unit: mm

MEC Shake Switch

The Illustration of Shake Switch SW-180 Series

1. In silent surroundings it keeps on turning off state with any angle. When it is hit by outside force and comes to the proper shaking state or the moving speed comes to the proper centric force, then the current leader point will display turning on state for a short time the electric character will be changed. As the outside force disappears, it restores the turning off state.
2. No direction, turning on by any touching off angle.
3. The type word with alphabetic "P" by the end means completed sealed, waterproof and dustproof package.
4. According to the current inquires select the suitable swift switch.
5. Suit for the little current touching on circuit.

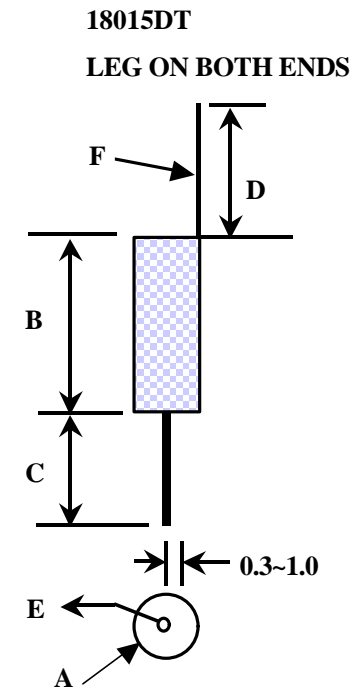
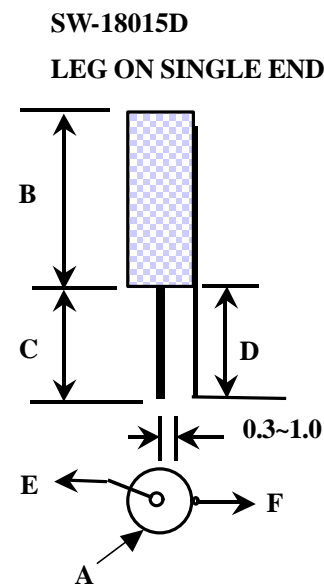


Type	SPECIFICATION (Units: mm)							ELECTRIC CHARACTER					
	A	B	C	D	E	F	Swift degree	Sealed type	Voltage	Current	Leading time	Turning off resistance	Temperature-resisting
SW-18010	4.5	14	8	8	0.6	0.15	High swift	Common	12V	0.2mA	0.2ms	10M ohm	100
SW-18010P	4.5	15	8	8	0.6	0.15	High swift	Completely sealed	12V	0.2mA	0.2ms	10M ohm	100
SW-18015	4.5	10	8	8	0.6	0.15	Swift	Common	12V	0.1mA	0.1ms	10M ohm	100
SW-18015P	4.5	11	8	8	0.6	0.15	Swift	Completely sealed	12V	0.1mA	0.1ms	10M ohm	100
SW-18020	4.5	10	8	8	0.6	0.2	Standers	Common	12V	0.1mA	0.1ms	10M ohm	100
SW-18020P	4.5	11	8	8	0.6	0.2	Standers	Completely sealed	12V	0.1mA	0.1ms	10M ohm	100
SW-18030	4.5	10	8	8	0.6	0.3	Slow	Common	12V	0.1mA	0.1ms	10M ohm	100
SW-18030P	4.5	11	8	8	0.6	0.3	Slow	Completely sealed	12V	0.1mA	0.1ms	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-18015D Series

1. The switch is high shaking switch. Turning off in repose state, when it meets the outside swaying and comes to the proper shaking force, or the moving speed gets the proper eccentric force, the connecting foot of leading electric will produce short time and discontinuous turning on state. As the outside force disappears it restores the turning off state.
2. No direction, turning on by any touching off angle.
3. It's high swift for touching on.

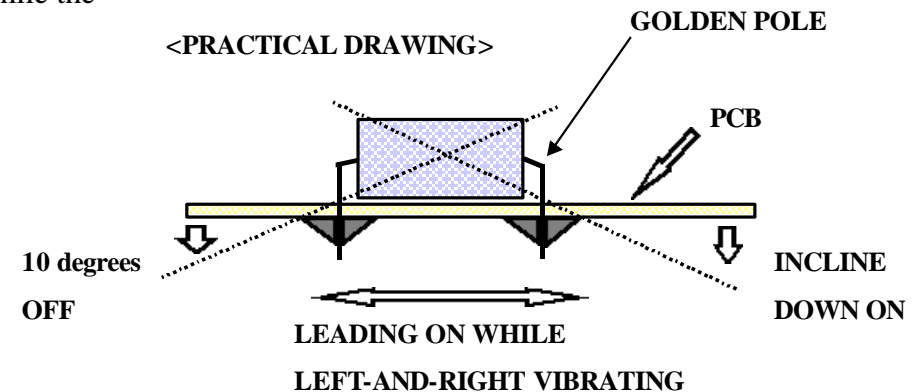
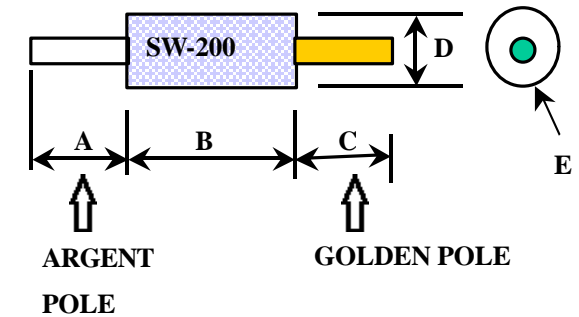


Type	SPECIFICATION (Units: mm)							ELECTRIC CHARACTER				
	A	B	C	D	E	F	OUTSIDE	Voltage	Current	Leading on time	Turn off resistance	Temperature-resisting
SW-10185D	4.5	12	8	8	0.15	0.2	Single End	12V	0.2mA	0.10 ms	10M ohm	100
SW-10185DT	4.5	12	8	8	0.15	0.2	Both End	12V	0.2mA	0.10 ms	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-200 Series

1. The switch is made of metal, the electric character is approximate to the mercury switch, while no danger or environment problems like mercury switch, with the same function of leading unilateralist electricity in vibrating conditions.
2. Working character: the golden end is turning on point, and the argent end is turning off point. When it's receiving the outside swaying or the golden end installed lower the lever, short time electric leading or continuous leading state of the leader point's electric character will show. Provided it restores the turning off state, the setting surroundings must be in silent, and the argent end angle must be installed lower the lever 10 degrees.
3. When the switch is laid on level, it may turn on easily by tender touching. While the argent end is down toward the floor, the condition is just the opposite.
4. It is suit for little current touching on circuit, not for power switch.
5. The switch is in plastic pipe, so as to avoid dust and water.
6. Double-bead switch of SW-200D has the long time electric leading.
7. SW-20014 length double-bead switch has the better electric leading effect.

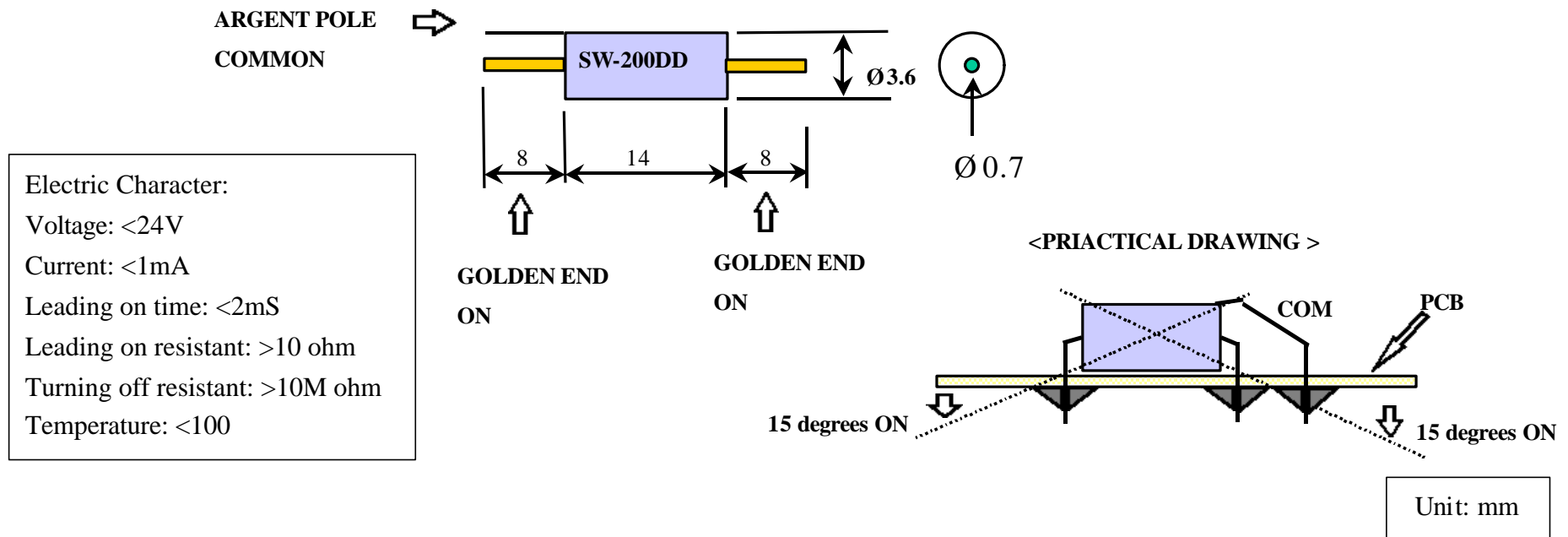


Type	SPECIFICATION (Units: mm)						ELECTRIC CHARACTER					
	A	B	C	D	E	Beads num.	Voltage	Current	Leading on time	Leading on resistance	Turn off resistance	Temperature-resisting
SW-200	9.5	9	9.5	3.6	0.6	Single	12V	1mA	1 ms	>10 ohm	10M ohm	100
SW-200D	9.5	12	9.5	3.6	0.6	Double	12V	2mA	2 ms	>5 ohm	10M ohm	100
SW-200D14	9.5	14	9.5	3.6	0.6	Double	12V	2mA	10 ms	>5 ohm	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-200DD Series

1. The switch is made of metal, the electric character is approximate to the mercury switch, while no danger or environment problems like mercury switch. “Exchange the current in double directions” touching switch’s character makes much various change for the circuit functions, and also can make it easy and cheap in equipping.
2. Working character: the two golden needles are the end that can make circuit short. The argent end is the common end. When it meets the outside swaying and comes to the proper shaking force, the golden needles will exchange the current and come to a short time or continuous turning on state, and when one of the golden needles is installed lower the lever 15 degrees, the end of electricity leading point will show turning on state for a short time or continuously.
3. It is suit for little current touching on circuit, not for power switch.
4. Sealed packing is dustproof, damp-proof and suit for some pouring products.
5. Its character is the “exchanging current”. At the same time only one end can produce leading.



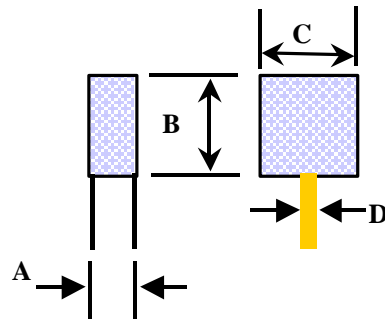
MEC Shake Switch

The Illustration of Shake Switch SW-300 & SW-320 Series

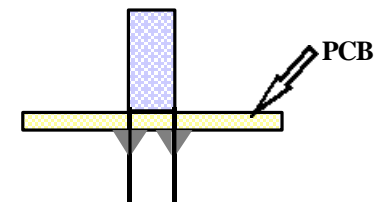
1. It keeps on turning off state in repose with any angle setting. When it is hit by outside force and comes to the proper shaking state or the moving speed comes to the proper centric force, then the current leader point will display turning on state for a short time the electric character will change.

As the outside force disappears, it restores the turning off state.

2. No direction, turning on by any touching off angle.
3. The switch is bead-switch type, approximate to the flexible shake switch, and can instead of the flexible shake switch.



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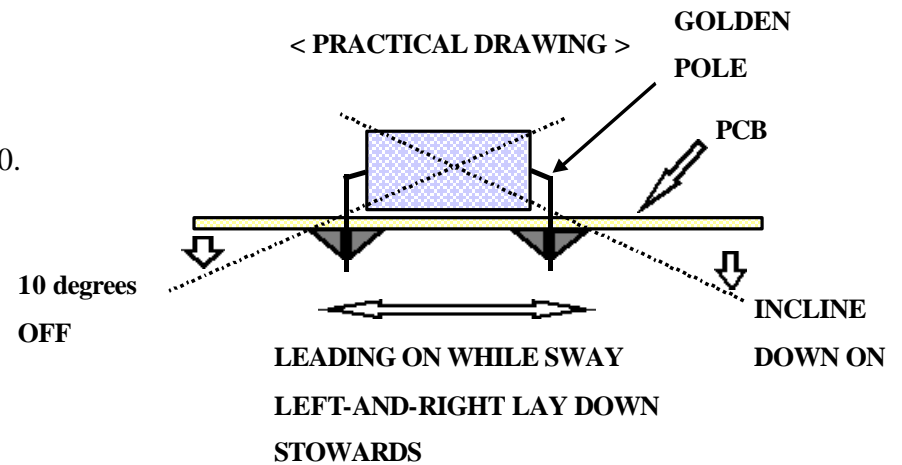
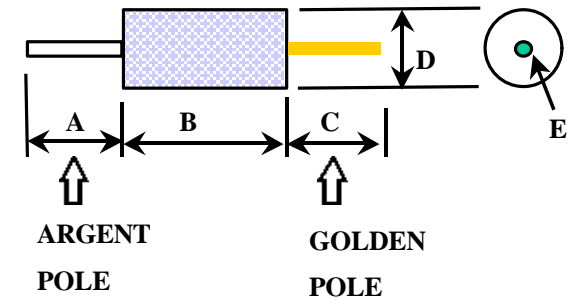
UP-AND-DOWN SHAKING CAN CAUSE TO TURNING ON STATE

Type	SPEC. (Units: mm)				ELECTRIC CHARACTER						
	A	B	C	D	Voltage	Current	Leading on time	Leading on resistance	Turn off resistance	Temperature-resisting	
SW-300	3.8	6.5	6.5	0.8	12V	0.1mA	1 ms	>10 ohm	10M ohm	100	
SW-320	3.8	8	8	0.8	12V	0.1mA	2 ms	>10 ohm	10M ohm	100	

MEC Shake Switch

The Illustration of Shake Switch SW-460 Series

1. The switch's electric character is approximate to the mercury switch, while no dangers or environment problems like mercury switch, with the same function of leading unilateralist electricity in vibrating conditions. It's easier for equipping than mercury switch.
2. Working character: the golden end is turning on point, and the argent end is turning off point. When it's receiving the outside swaying or the golden end installed lower the lever, short time electric leading or continuous leading state of the leader point's electric character will show. Provided it restores the turning off state, the setting surroundings must be in silent, and the argent end angle must be installed lower the lever 10 degrees.
3. When the switch is laid on level, it may turn on easily by tender touching. While the argent end is down toward the floor, the condition is just the opposite.
4. It is suit for little current touching on circuit, not for power switch.
5. The switch is in plastic pipe, so as to avoid dust and water.
6. SW-460D has longer time electric leading and bigger current than SW-200.
7. SW-460D length double-bead switch has the better electric leading effect.

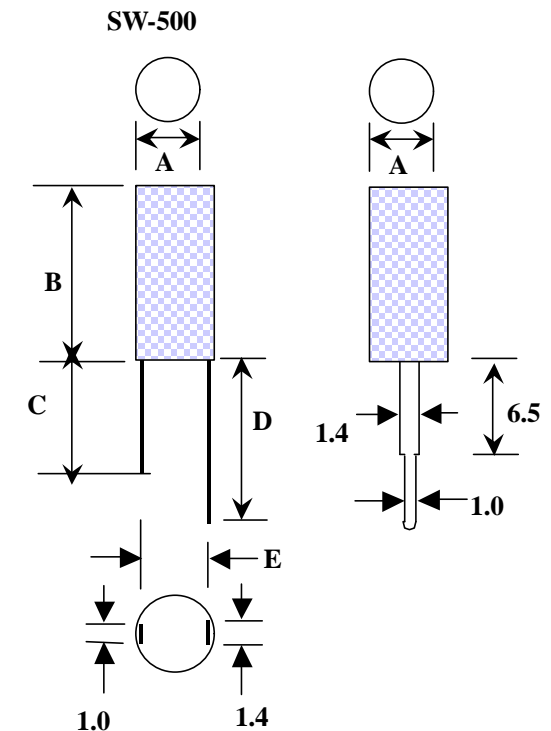
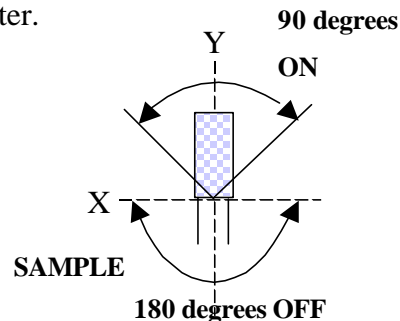


Type	SPECIFICATION (Units: mm)						ELECTRIC CHARACTER					
	A	B	C	D	E	Beads num.	Voltage	Current	Leading on time	Leading on resistance	Turn off resistance	Temperature-resisting
SW-460	12	11	12	4.7	0.6	Single	12V	2mA	10 ms	>10 ohm	10M ohm	100
SW-460D	12	15	12	4.7	0.6	Double	12V	5mA	20 ms	>10 ohm	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-500 Series

1. The switch's electric character is approximate to the mercury switch, while no dangers or environment problems like mercury switch, with the same function of leading unilateralist electricity in vibrating conditions. It's easier to assemble than mercury switch.
2. Working character: the turning on angle is 90 degree, and the turning off angle is 180 degree. When it's receiving the outside swaying or the setting angle is lower the lever in 90 degree, short time electric leading or continuous leading state of the leader point's electric character will show. (Type SW-500D can be always turning on under static condition.)
3. Provided it restores the turning off state, the setting surroundings must be in silent, and the argent end angle must be installed lower the lever.
4. When the switch is set lower the lever 30 degree, it may turn on difficultly by swaying.
5. It is suit for little current touching on circuit, not for power switch.
6. It is completely sealed so as to avoid dust and water.

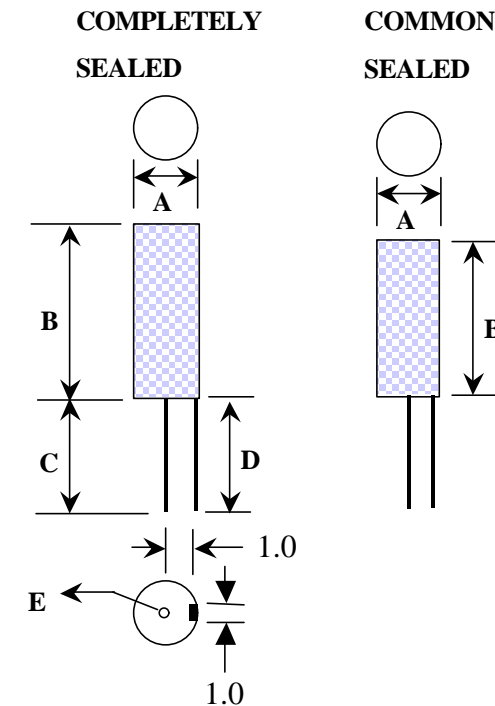


Type	SPECIFICATION (Units: mm)					ELECTRIC CHARACTER						
	A	B	C	D	E	Leading on angle	Leading off angle	Voltage	Current	Leading on time	Turn off resistance	Temperature-resisting
SW-500	8.5	8.5	7.5	12	6.8	90 degree	180 degree	12V	20mA	10 ms	10M ohm	100
SW-500D	8.5	12	7.5	12	6.8	90 degree	180 degree	12V	50mA	Always ON	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-580 Series (Mini. type)

1. In silent surroundings it keeps on turning off state with any angle. When it is hit by outside force and comes to the proper shaking state or the moving speed comes to the proper eccentric force, then the current leader point will display turning on state for a short time the electric character will be changed. As the outside force disappears, it restores the turning off state.
2. No direction, turning on by any touching off angle.
3. The type word with alphabetic “P” by the end means completed sealed, waterproof and dustproof package.
4. According to the current inquires select the suitable swift switch.
5. Suit for the little current touching on circuit.
6. The switch can work in high temperature.

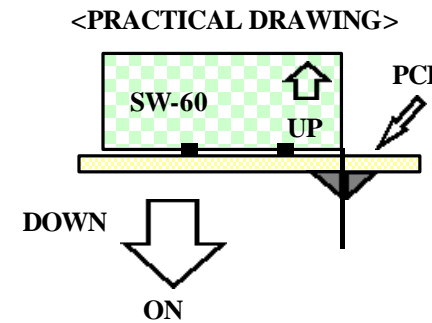
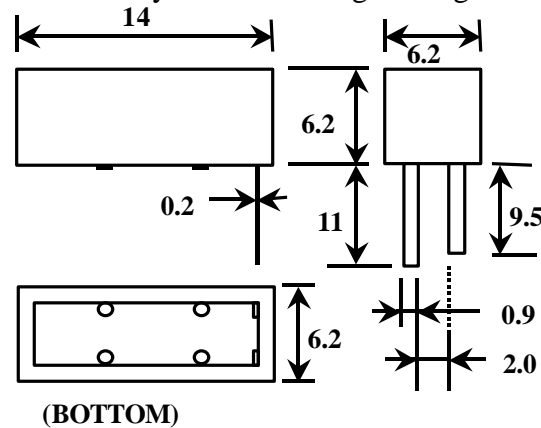


Type	SPECIFICATION (Units: mm)					ELECTRIC CHARACTER						
	A	B	C	D	E	Swift degree	Sealed type	Voltage	Current	Leading time	Turning off resistance	Temperature-resisting
SW-58015	2.8	8	7	7	0.15	High swift	Common	12V	0.5mA	0.3ms	10M ohm	150
SW-58015P	3.0	9	7	7	0.15	High swift	Completely sealed	12V	0.5mA	0.3ms	10M ohm	150
SW-58020	2.8	8	7	7	0.2	Standers	Common	12V	0.2mA	0.2ms	10M ohm	150
SW-58020P	3.0	9	7	7	0.2	Standers	Completely sealed	12V	0.2mA	0.2ms	10M ohm	150
SW-58030	2.8	8	7	7	0.3	Slow	Common	12V	0.1mA	0.1ms	10M ohm	150
SW-58030P	3.0	9	7	7	0.3	Slow	Completely sealed	12V	0.1mA	0.1ms	10M ohm	150

MEC Shake Switch

The Illustration of Shake Switch SW-60S & SW-60H & SW-60HH Series (unilateralist)

1. It's unilateralist leading. It keeps on turning off state in repose, when it is hit by outside force and comes to the proper shaking state, the current leader point will display turning on state for a short time, then the electric character will change. As the outside force disappears, it restores to the turning off state.
2. It's easily leading to turning on by up and down swaying when the switch's underside is equipped towards floor. On the contrary, the condition is the opposite. Not easily leading to turning on for right-and-left equipping. (Suit for long-distance transport)
3. According to the circuit require the touching on force can be selected. It is completed sealed, and can protect from water & dust.
4. The type with alphabetical "H" by the end has big leading current and can force the LED work directly.

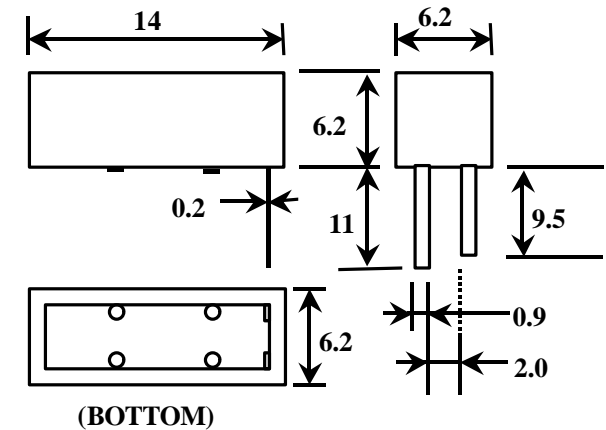


Type	SPECIFICATION (Units: mm)		ELECTRIC CHARACTER					
	Swift degree	Sealed type	Voltage	Current	Leading time	Turning on resistance	Turning off resistance	Temperature-resisting
SW-60S	Slow	Common	12V	2mA	10ms	>10 ohm	10M ohm	100
SW-60S-P	Slow	Completely sealed	12V	2mA	10ms	>10 ohm	10M ohm	100
SW-60H	Standers	Common	12V	10mA	30ms	>5 ohm	10M ohm	100
SW-60H-P	Standers	Completely sealed	12V	10mA	30ms	>5 ohm	10M ohm	100
SW-60HH	High swift	Common	12V	20mA	50ms	>5 ohm	10M ohm	100
SW-60HH-P	High swift	Completely sealed	12V	20mA	50ms	>5 ohm	10M ohm	100

MEC Shake Switch

The Illustration of Shake Switch SW-600 Series

1. The switch's electric character is approximate to the mercury switch, while no dangers or environment problems like mercury switch. It's turning off in repose stand-on or stand-down states. While it gets the outside swaying or its leaning angle comes to 60 degrees, it turn on.
2. It leads unilateralist electricity. Setting the underside down towards, when the leaning angle comes to 60 degree it will turn on. While the underside is installed up towards, swaying up and down not easily lead to turn on. (Suit for long-distance transport.)
3. It can be completely sealed so as to avoid dust and water.
4. Notice:
 - a. It is suit for little current touching on circuit, not for power switch.
 - b. When it is hit by outside force and comes to the proper shaking state the current leader point will display turning on or off state for a short time.



Electric Character:
 Voltage: <12V
 Current: <20mA
 Leading on resistant: >10 ohm
 Turning off resistant: >10M ohm
 Temperature: <100

