

Push-type Detector Switches

SW-210 Series

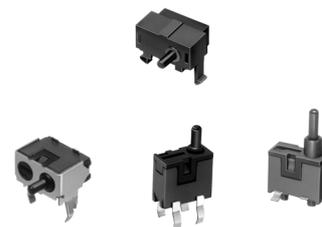
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Features

- ◇ Miniaturized for space saving design.
- ◇ Superior reliability at micro-current by employing a sliding contact.
- ◇ Available in wide variety of mounting methods , operating methods etc.

Applications

- ◇ Mechatronic detection for audio and VCR CD-ROM DVD units.



Actual size

Products Line

No	Products No	Pole	Position	Quantity (pcs./reel)	Notes
1	SW-212	1	1		Reflow soldering is possible.
2	SW-213	1	1		Reflow soldering is possible.
3	SW1AB-214A	1	1		Dip soldering is possible.
4	SW1AB-217	1	1		
5	SW1AB-218	1	1		

Typical Specifications

Item	Specification
Ratings (max.)	1mA 5V DC (Resistive load)
Contact resistance	1 ohm max.
Insulation resistance	100 megohm min. 100V DC
Withstanding voltage	100V AC for 1min.
Operating life with load	100,000 cycles
Operating force	0.35N max.

Dimensions

Unit : mm

No	Style	P.C.B reference Land Dimensions Circuit diagram (TOP VIEW)
1	<p>SW-212</p> <p>Top view dimensions: 6.4, 0.2, 3, 1.65, 0.95, 2.3, 0.8.</p> <p>Side view dimensions: 5.4, 5.9.</p> <p>Cross-sectional view labels: ON starting position, Total travel position, $\phi 2.1$, $\phi 1.2$, 2.6, (1.8), 1, 6.1, 7.45, 8.5, 3.3, $\phi 1.2$, (4.2).</p>	<p>Land dimensions: $\phi 1.1$, $\phi 1.25$, 3.3, 0.95, 2.3.</p> <p>Circuit diagram: ③, ④, ①, ②.</p>
2	<p>SW-213</p> <p>Top view dimensions: 0.4, 1.75, 1.5, 3, 6.4, 4-1.</p> <p>Side view dimensions: 1.65, 5.4, 7.5.</p> <p>Cross-sectional view labels: ON starting position, Total travel position, $\phi 2.1$, $\phi 1.2$, 0.13, 2.1, 2.7, 8.6, 9.95, 11.</p>	<p>Land dimensions: 2-1.4, 1.25, 5.8, 3.8, $\phi 1.25$, 0.15, 3.4.</p> <p>Circuit diagram: ③, ④, ①, ②.</p>
3	<p>SW1AB-214A</p> <p>Top view dimensions: 6.9, 1.65, $\phi 1.2$, 0.6, 1.1, 5, 1.6, 1.55, 2.75, 3.15, 1.75, 1.5, 5.36, 6.5.</p> <p>Side view dimensions: 5.4, 4.2, 3, 2.8, 2.55, 3.1, 1, 3.2, 0.15, 2.475.</p> <p>Cross-sectional view labels: ON starting position, Total travel position, $\phi 1.2$.</p>	<p>Land dimensions: 1.75, 1.5, 2-$\phi 1.1$, 2-$\phi 1.2$, 2.475, 5.36.</p> <p>Circuit diagram: ①, ②.</p>

