

Automotive-compatible multifunctional switch with an 11×11 mm round body, offering 1-axis 8-direction operation with tactile feedback.



- Directional resolution: 8-direction
- Ratings (max.) (Resistive load): 10mA 5V DC
- Operating temperature range: -40°C to +85°C

Applications:Audio_TV:Visual
Automotive:Navigation/audio systems, HVAC

Products No.	Operating angle (Directions)	Travel (Center push) (mm)	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
RKJXM1015004	A, B, C, D direction: 10°max. AB, BC, CD, DA direction: 12°max.	0.3±0.2	11.0×11.0×6.6	●	1

Number of packages(pcs.)		Export package measurements (mm)
1 case / Japan	1 case / export packing	
1,000	2,000	405×290×200

Unit: mm

Technical drawing of a 6-pin connector showing three views: front view, side view, and top view.

Front View: A hexagonal connector with a central circular feature. Dimensions include a width of 4.11 and a central hole diameter of $\varnothing 2.2 \pm 0.03$. The outer edge has a radius of $R6$. The top and bottom pins are labeled A and C, while the left and right pins are labeled B and D.

Side View: Shows the profile of the connector. Dimensions include a total length of 15 ± 0.4 , a pin diameter of 1.2 ± 0.05 , and a pin length of 6.07 ± 0.1 . The base has a width of 3.2 . The top and bottom pins are labeled A and C, while the left and right pins are labeled B and D.

Top View: Shows the connector from above. Dimensions include a width of 3 and a central hole diameter of $\varnothing 1.5 \pm 0.03$. The top and bottom pins are labeled A and C, while the left and right pins are labeled B and D.

Pinout Diagram: A circular diagram showing the operating direction of the lever. The pins are labeled A, B, C, D, E, and F. The operating direction is indicated by arrows pointing from the center towards the pins.

Operating direction of lever.

Unit: mm

2-2

4.15

2.2

Ground Push

Push

COM

X

Y

Z

10.7

9.9

9- $\phi 1^{+0.2}$ hole

$\phi 1^{+0.2}$ hole

Tolerance : ± 0.1

Stick Switch

Com A B C D

Push

