

6×6mm TACT Switch(Snap-in)

KAN0611 Series

6mm square type, which is easy to use and available in wide varieties.



Features

- Snap-in type, which can be directly mounted on PC board.
- Some of output terminals can be also used as jumper leads, thus making circuit design easy.
- Available with anti-ESD ground terminal.
- Standard knobs are available.

Applications

- Operating switches in all types of electronic equipment such as audio devices, office equipment, communication devices, measuring instruments, TV sets, video recorders, automotive sets, etc.

Products Line

Vertical Type

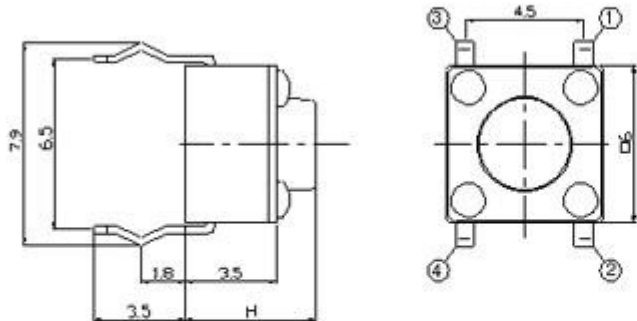
Products No.	Operating force	Operating direction	Travel (mm)	Rating (max.)	Operating life (5mA 5V DC)	Initial contact resistance	Stem color	Stem height	Minimum packing unit (pcs.)
KAN0611-0431A	0.98N	Vertical	0.25	50mA 12V DC	100,000 cycles	100mΩ max.	Black	H=4.3mm	1,000
KAN0611-0431B	1.57N							H=5mm	
KAN0611-0431C	2.55N								
KAN0611-0501A	0.98N								
KAN0611-0501B	1.57N							H=7mm	
KAN0611-0501C	2.55N								
KAN0611-0701A	0.98N								
KAN0611-0701B	1.57N							H=9.5mm	
KAN0611-0701C	2.55N								
KAN0611-0951A	0.98N								
KAN0611-0951B	1.57N								
KAN0611-0951C	2.55N								

Note

"H" Shown in the drawing is the overall height of the product, there are different sizes from 4.3 to 21mm, according to the requirements of the customer.

Dimensions

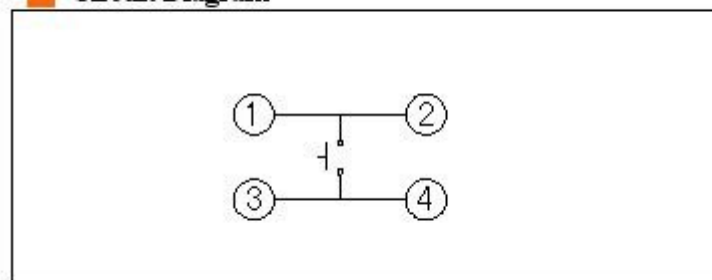
Units: mm

Style	PC board land dimensions (Viewed from switch mounting face)					
						
<table> <tr> <td>H</td> <td>4.3mm</td> <td>5mm</td> <td>7mm</td> <td>9.5mm</td> </tr> </table>	H	4.3mm	5mm	7mm	9.5mm	
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Note

1. Using a 1.6mm thick PC board is recommended.
2. The models which can be mounted on PC boards of thickness 0.8 to 1mm are also available upon request.

Circuit Diagram



Products Specifications

Series		Sharp feeling type	Soft feeling type
Items			
Operating temperature range		-20℃ to +70℃	
Rating (max.)		50mA 12V DC	
Rating (min.)		10 μ A 1V DC	
Electrical performance	Insulation resistance	100M Ω min. 100V DC	
	Voltage proof	250V AC for 1 min.	
Durability	Vibration	10 to 55 to 10HZ/min., the amplitude is 1.5 mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively	
	Lifetime	Shall be in accordance with individual specifications.	
Environmental performance	Cold	-30±2℃ for 96 h	
	Dry heat	80±2℃ for 96h	
	Damp heat	60±2℃,90 to 95% RH for 96 h	

Note

We can raise the working temperature range for in-vehicle applications upon request. Contact us if you have any requirements of this kind.

Soldering Conditions

Condition for Reflow

Available for Surface Mount Type.

1. Heating method: Double heating method with infrared heater.
2. Temperature measurement: thermocouple 0.1 to 0.2Φ CA(K) or CC(T) at soldering portion(copper foil surface). A heat resisting tape should be used for fixed measurement.
3. Temperature profile

