

# Switch

## Micro Switch Series

### KLS7-KW10 Micro Switch Series

Action sensitive subminiature switch

Mini-type, big current. Characteristic: small contact gap, quick action, high sensitivity and small operating travel

Long life

A variety of contact terminals

A variety of levers

Widely used in home appliance, audio video device, computer, office automation equipment, communication equipment, etc.

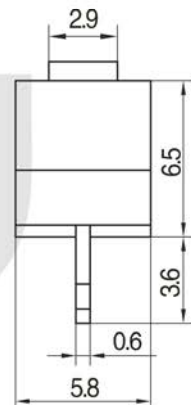
Withstand Voltage: AC250V (50Hz) Min.

Temperature: -40°C~+70°C

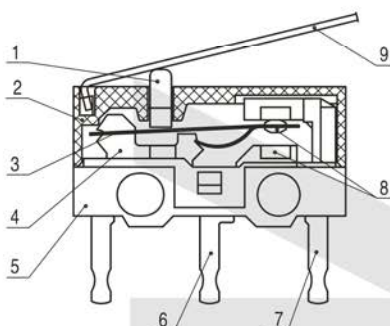


#### Specifications

Item		Value
Operating speed		1mm ~ 500mm/s (Related with actuator forms)
Operating frequency		Mechanical 60 cycles/min; Electrical 25cycles/min
Insulation resistance		$\geq 100M\Omega$ (500VDC)
Contact resistance		OF>0.75N: $\leq 30m\Omega$ (see note) OF $\leq 0.75N$ : $\leq 50m\Omega$ (see note) KW10-D、E、F型: $\leq 100m\Omega$ (見注)
Test voltage	Between terminals of the same polarity	AC600V,50/60Hz, 1min
	Between current-carrying metal parts and ground(case), and between each terminal and non-current-carrying metal parts.	AC1000V,50/60Hz, 1min
Vibration resistance		10 ~ 55Hz, 1.5mm Double amplitude
Shock resistance		Malfunction:300m/s <sup>2</sup> (approx.30G)max
Life expectancy		Mechanical $\geq 1,000,000$ cycles Electrical $\geq 10,000$ cycles
Weight		Approx. 0.6g(No lever)
Safety approvals		UL、CUL、TUV、CE、EK、CQC



#### Internal configuration drawing



- 1: Plunger
- 2: Cover
- 3: Moving piece
- 4: Support
- 5: Case
- 6: NO terminal
- 7: NC terminal
- 8: Contact
- 9: Moving arm

