

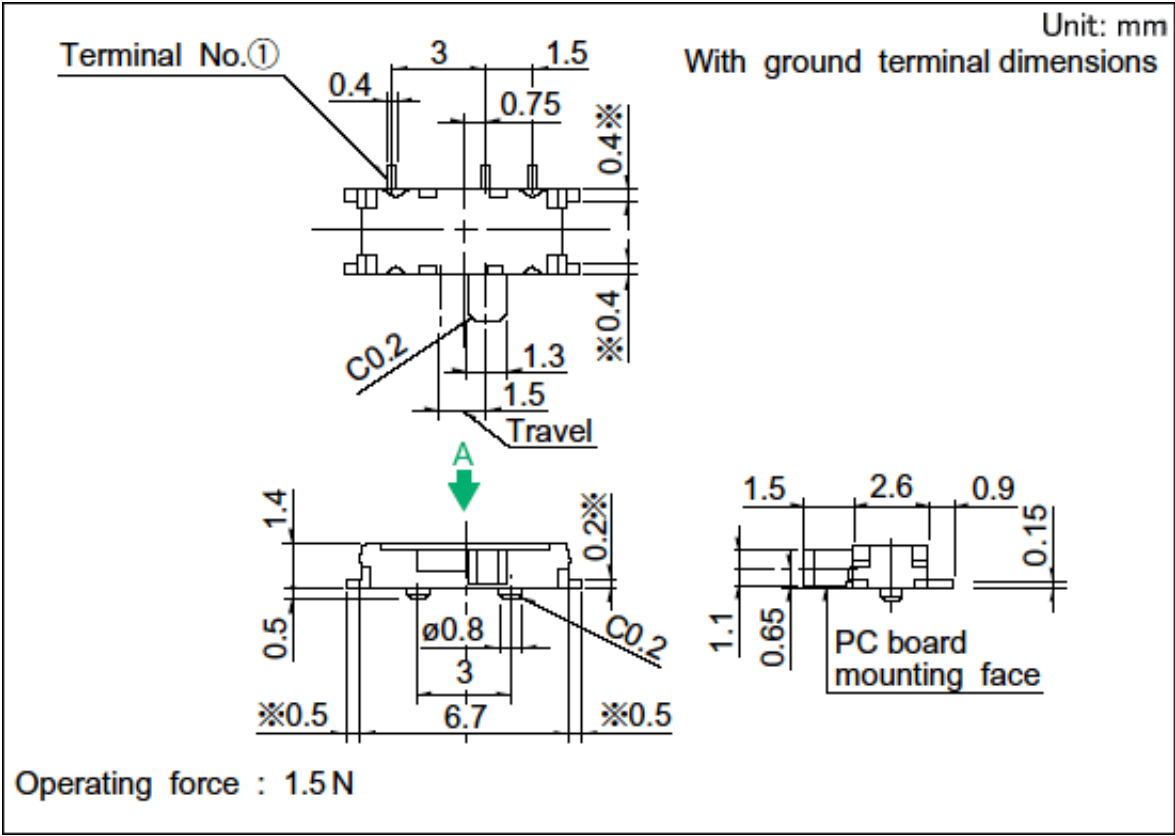


## 1.4(H)mm, 1.5/2.0mm-travel Surface Mount Type SSSS8 Series

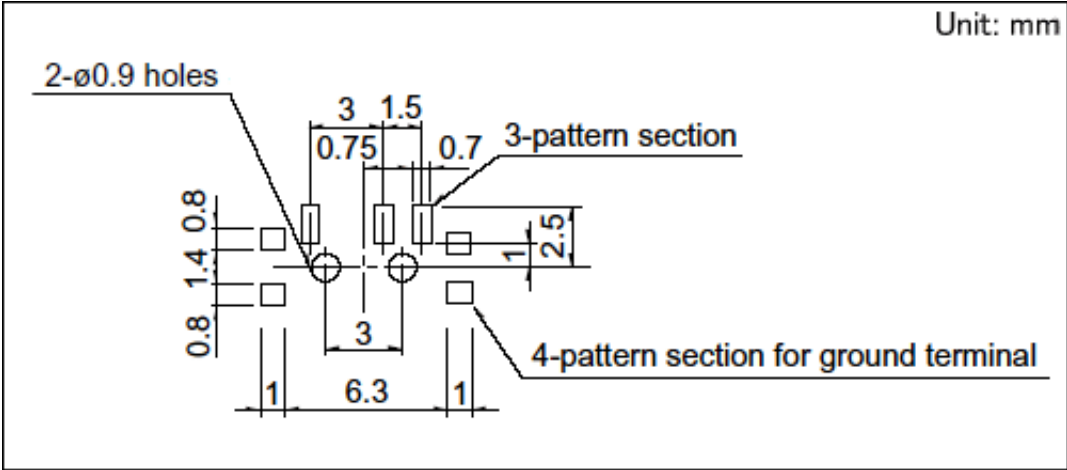
Travel			1.5mm
Actuator directions			Horizontal
Actuator thickness			1.1mm
Poles			1
Positions			2
Operating force			Refer to the dimensions
Changeover timing			Not specified
Ground terminal			With
Soldering			Reflow
Operating temperature range			-40℃ to +85℃
Rating (max.)/(min.) (Resistive load)			0.3A 5V DC/50μA 3V DC
Electrical performance	Contact resistance (Initial performance/After lifetime)		70mΩ max./130mΩ max.
	Insulation resistance		100MΩ min. 100V DC
	Voltage proof		100V AC for 1 minute
Mechanical performance	Terminal strength		3N for 1 minute
	Actuator strength	Operating direction	10N
		Pulling direction	10N

Durability	Operating life without load	10,000 cycles 100mΩ max.
	Operating life with load (at max. rated load)	10,000 cycles 130mΩ max.
Environmental performance	Cold	-40°C 500h
	Dry heat	85°C 500h
	Damp heat	60°C, 90 to 95%RH 500h
Minimum order unit (pcs.)	Japan	4,500
	Export	18,000

Dimensions

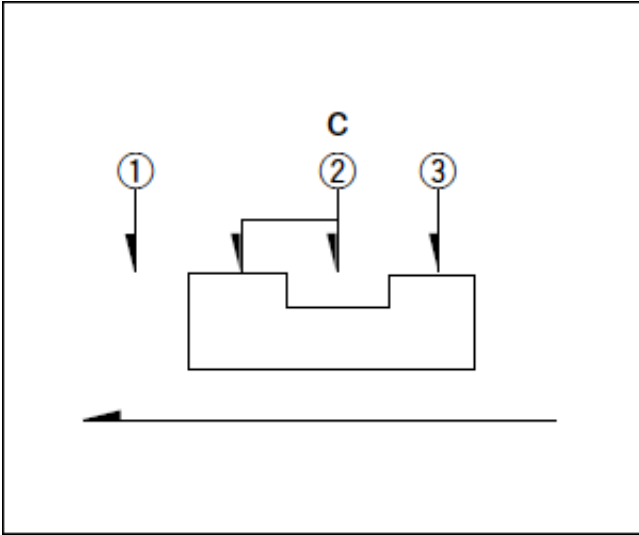


Land Dimensions



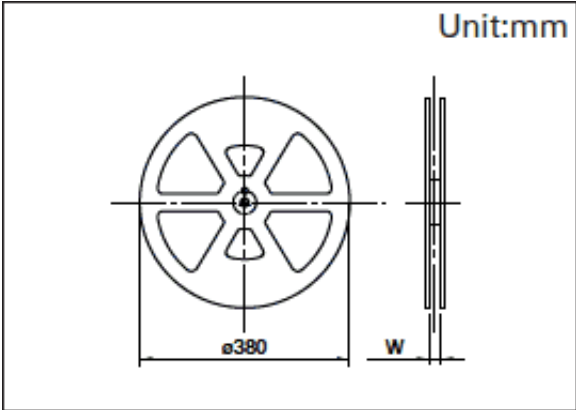
Viewed from direction A in the dimensions.

Circuit Diagram



Packing Specifications

Taping

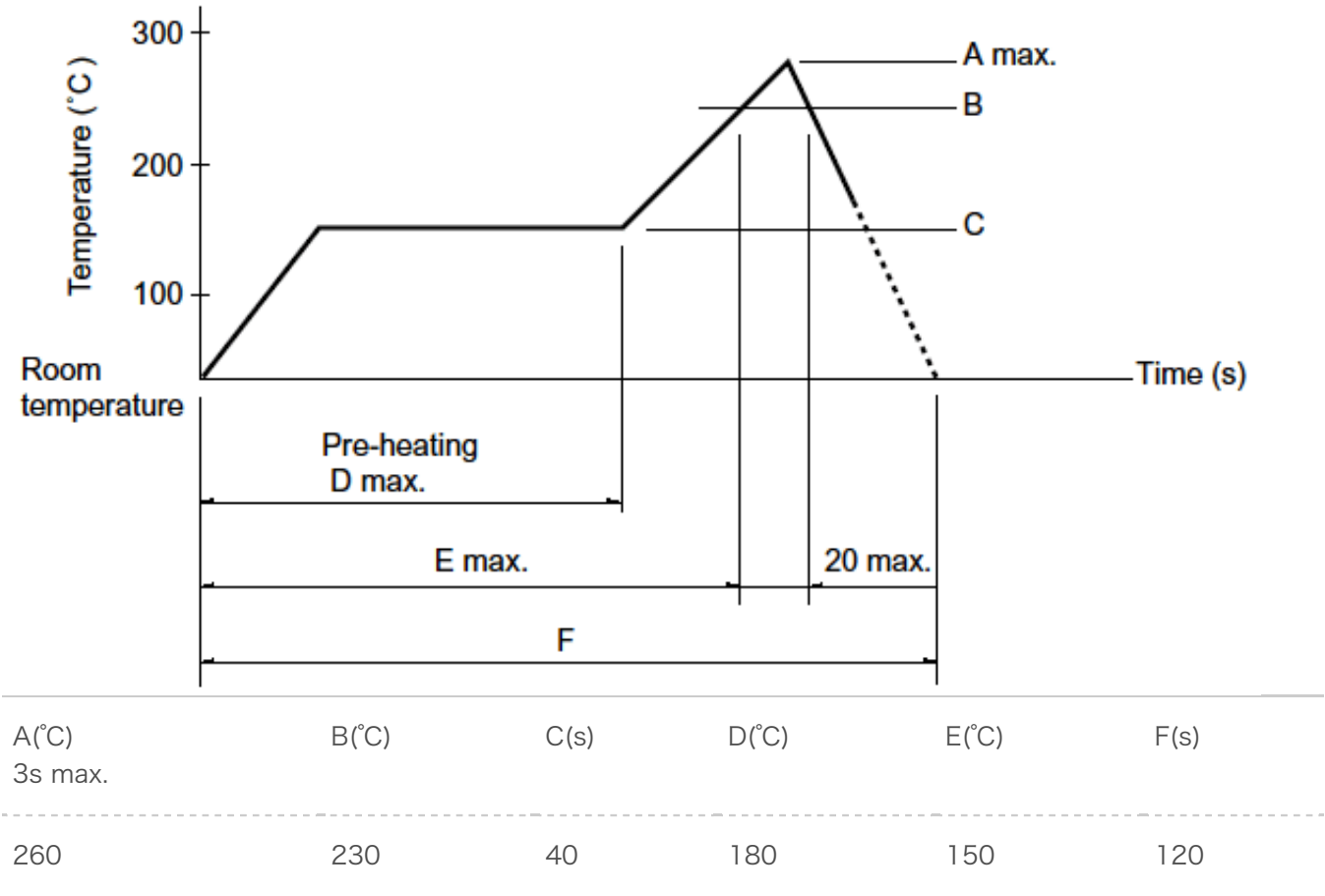


Number of packages (pcs.)	1 reel	4,500
	1 case / Japan	9,000
	1 case / export packing	18,000
Reel width W(mm)	17.4	
Tape width (mm)	16	
Export package measurements (mm)	417×409×139	

Soldering Conditions

Example of Reflow Soldering Condition

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



(1) The condition mentioned above is the temperature on the mounting surface of a PC board. There are cases where the PC board's temperature greatly differs from that of the switch, depending on the PC board's material, size, thickness, etc. The above-stated conditions shall also apply to switch surface temperatures.

(2) Soldering conditions differ depending on reflow soldering machines. Prior verification of soldering condition is highly recommended.

Reference for Hand Soldering

Soldering temperature	330±5℃
Soldering time	3s max.

Notes are common to this series/models.

- 1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
- 2. Please place purchase orders per minimum order unit (integer).
- 3. Products other than those listed in the above chart are also available. Please contact us for details.