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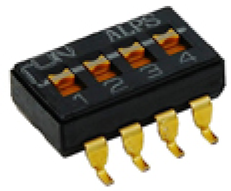
✕ CLOSE

Dual-in-line Package Type Switch > SSGM Series > SSGM740101

2 to 10 Circuits-designed Type SSGM Series

| Dimensions | Land Dimensions | Circuit Diagram | Packing Specifications |
| Soldering Conditions |



Part number Series Common Info

SSGM740101

NET SHOP

3D CAD

RoHS

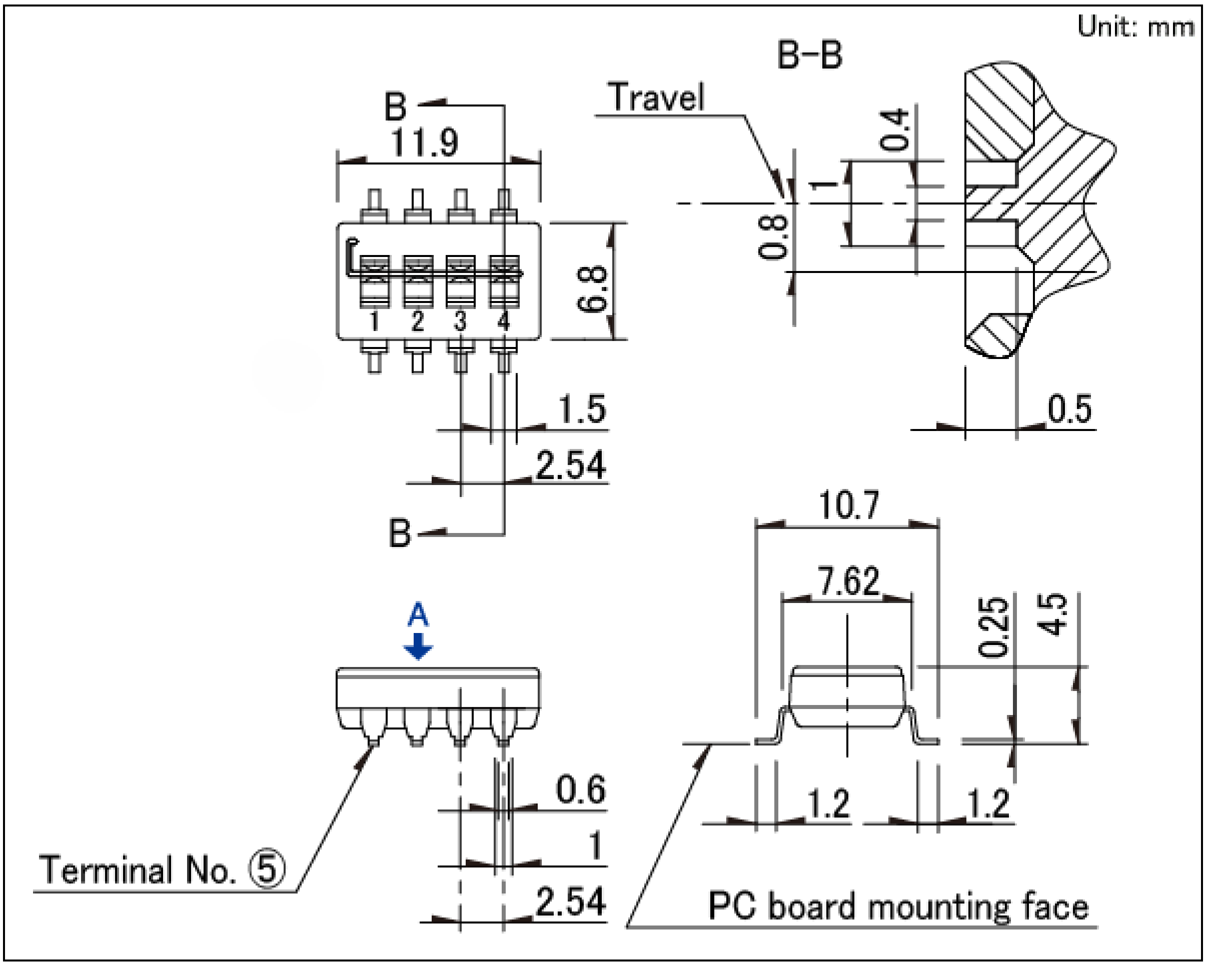
Print

Inquiry

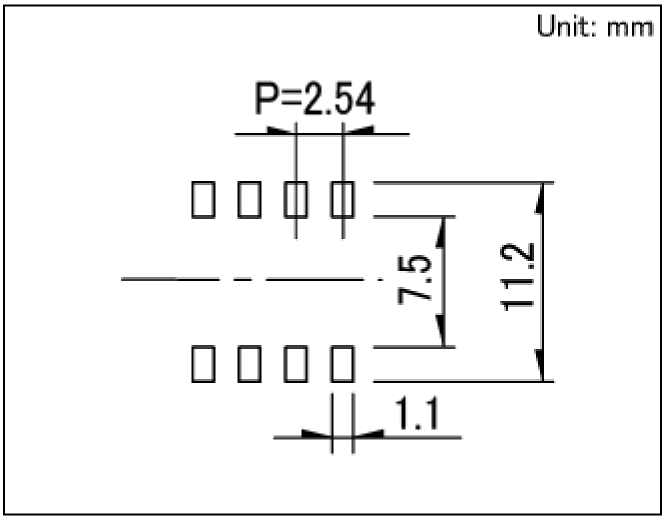
Soldering	Reflow
Actuator configuration	Flat
Operating force	3.5±2.5N
Packaging style	Taping
Poles	4
Operating temperature range	-40°C to +85°C
Ratings (max.)/(min.) (Resistive load)	25mA 24V DC (at opening and closing) 0.1A 50V DC (when energized) 50μA 3V DC

Electrical performance	Contact resistance (Initial performance/After lifetime)		50mΩ max./100mΩ max.
	Insulation resistance		100MΩ min. 500V DC
	Voltage proof		500V AC for 1 minute
Mechanical performance	Terminal strength		5N for 1 minute
	Actuator strength	Operating direction	10N
		Pulling direction	10N
Durability	Operating life	Without load	3,000 cycles
		With load	3,000 cycles (25mA 24V DC)
Environmental performance	Cold		-40°C 250h
	Dry heat		85°C 250h
	Damp heat		60°C, 90 to 95%RH 250h
Minimum order unit (pcs.)	Japan 1,000 Export 4,000		

Dimensions

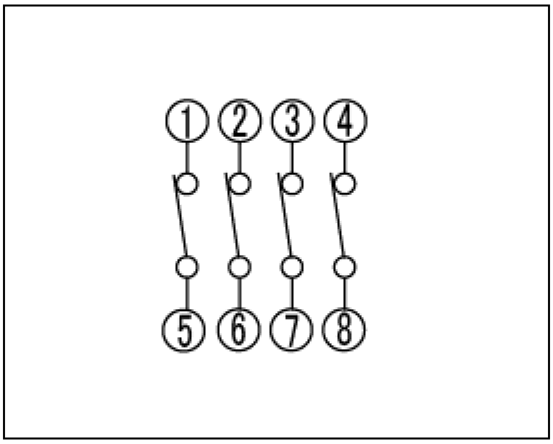


Land Dimensions



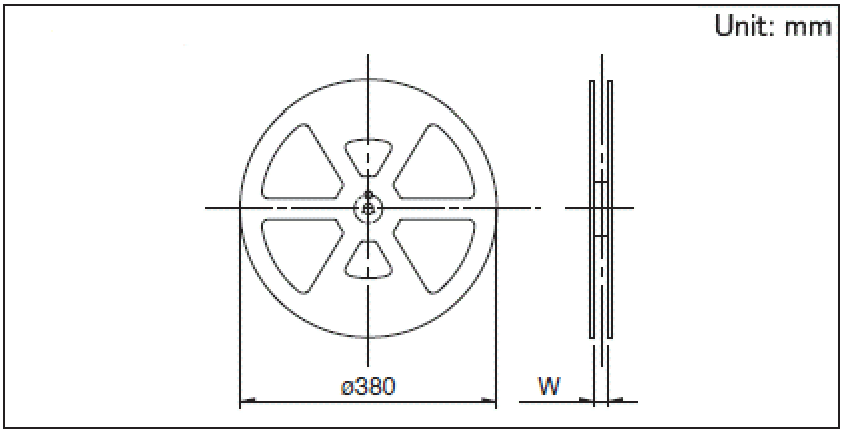
Viewed from direction A in the dimensions.

Circuit Diagram



Packing Specifications

Taping



Number of packages (pcs.)	1 reel	1,000
	1 case / Japan	2,000
	1 case / export packing	4,000
Reel width W(mm)		25.4
Tape width (mm)		24
Export package measurements (mm)		406×406×190

Soldering Conditions

Example of Reflow Soldering Condition

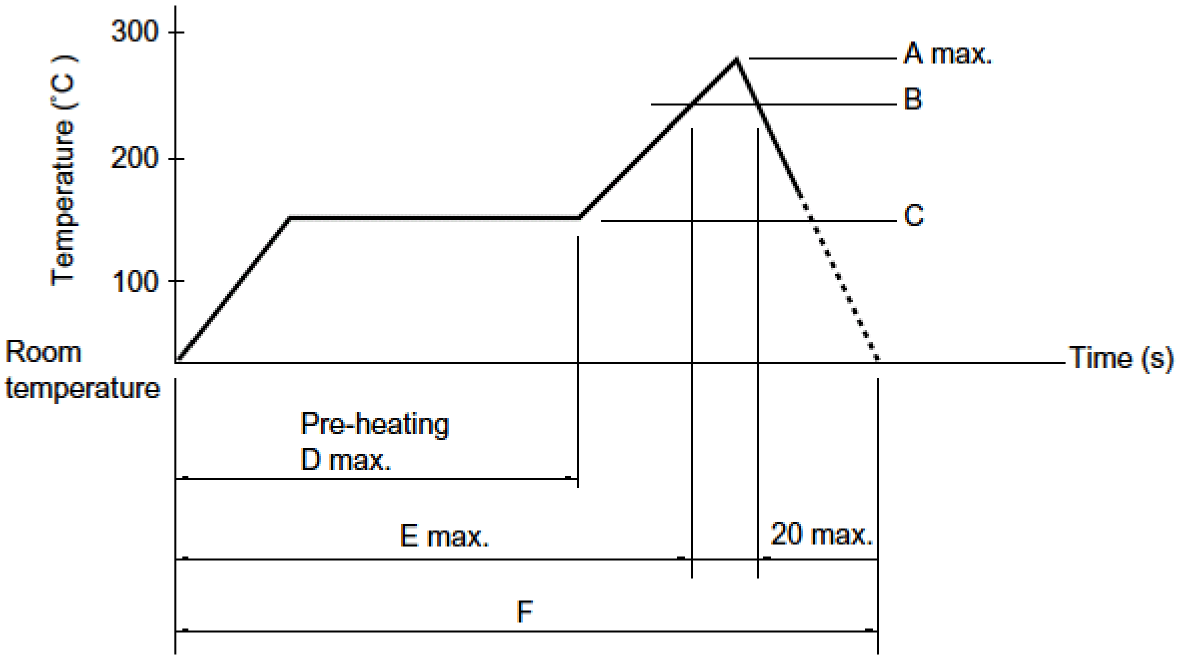
1. Heating method

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



A(°C) 3s max.	B(°C)	C(°C)	D(s)	E(s)	F(s)
250	240	150	120	-	-

(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	350±5°C
Soldering time	5s 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.

Inquiries about Products

Inquiry