

[| Dimensions](#) | [| Land Dimensions](#) | [| Circuit Diagram](#) | [| Code Table](#) | [| Packing Specifications](#) | [| Soldering Condition](#) |



Part number  
**SLLB510100**

NET SHOP

3D CAD

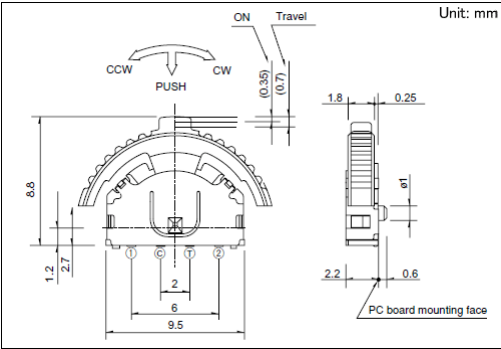
RoHS

Print

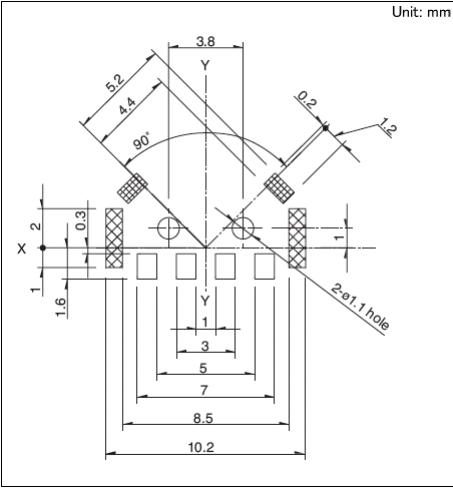
Inquiry

Number of operating shafts		Single-shaft
Shaft material		Resin
Actuator configuration		Mounting knob integrated
Push-on switch		With
Operating force	Lever portion	0.65±0.3N
	Push portion	2.5±1N
Travel (Center push)		0.7mm
Location lug		With
Contact resistance		1Ω max.
Operating temperature range		-10°C to +60°C
Ratings (max.)/(min.) (Resistive load)		10mA 5V DC/50μA 3V DC
Electrical performance	Directional resolution	2-direction
	Insulation resistance	100MΩ min. 100V DC
	Voltage proof	100V AC for 1 minute
Mechanical performance	Terminal strength	3N for 1 minute
	Actuator strength	Push/pull directions 50N
		Operating direction 10N
Durability	Operating life without load	100,000 cycles
	Operating life with load (Load: as ratings)	100,000 cycles (10mA 5V DC)
Environmental performance	Cold	-20°C 96h
	Dry heat	85°C 96h
	Damp heat	40°C, 90 to 95%RH 96h
Minimum order unit (pcs.)	Japan	1,500
	Export	6,000

Dimensions

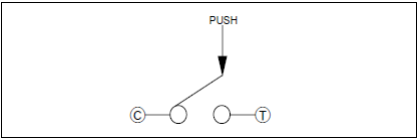


Land Dimensions



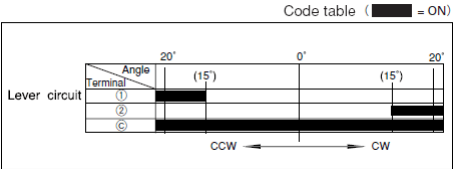
Viewed from mounting face.

Circuit Diagram

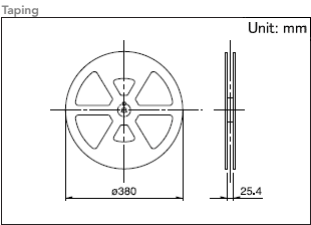


Push portion.

Code Table



Packing Specifications



Number of packages (pcs.)	1 reel	1,500
	1 case / Japan	3,000
	1 case / export packing	6,000
Tape width (mm)	24	
Export package measurements (mm)	428×413×172	

Soldering Condition

Example of Reflow Soldering Condition

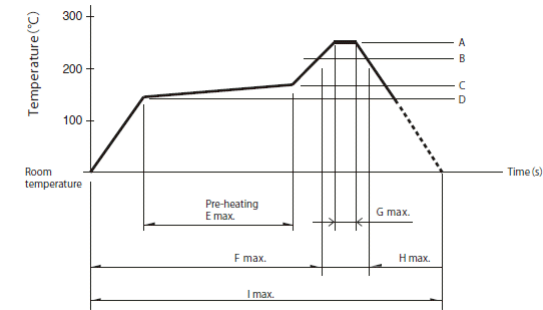
1. Heating method:

Double heating method with infrared heater.

2. Temperature measurement:

Thermocouple 0.1 to 0.2 Φ CA (K) or CC (T) at solder joints (copper foil surface). A heat resisting tape should be used to fix thermocouple.

3. Temperature profile



A B C D E F G H I No. of reflows

SLLB5 Series - Basic information

250°C      230°C      150°C      150°C      -    2 min.      -    30s      -    1 time

(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

Tip temperature	350±5°C
Soldering time	3s max.
No. of solders	1 time

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 for taping products per minimum order unit (1 reel or a case).
- 3. Products other than those listed in the above chart are also available. Please contact us for details.
- 4. Please contact us for automotive use products.

Inquiries about Products

 Inquiry

