

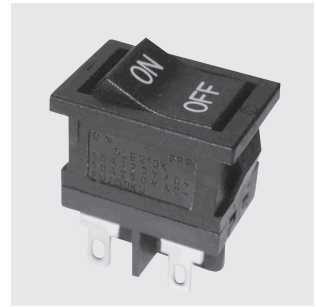
SLE210K

Miniature Power Rocker Switches

C-US UL VDE SEMKO

RoHS Compliant

Dust Proof



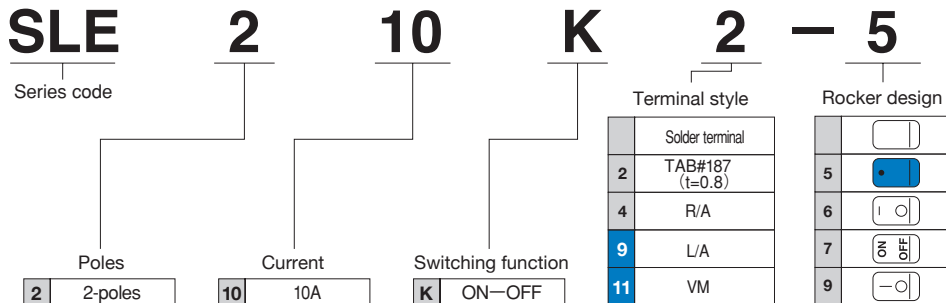
■ Features

1. C-US UL , VDE and SEMKO approved products
2. Snap-in panel mounting
3. Compact size is suited for space-saving design.
4. Best suited for power supply of equipment.
5. Dust-proof type
6. 100 A rush current type.
7. Breaking distance is 3 mm or over.

■ Specifications

Rating	Load	Inductive load				Resistive load
		125VAC		250VAC		
	Inrush current (p.f.=0.6)	100A	60A	100A	60A	10A 125VAC 10A 250VAC (p.f.=1.0)
	Break current (p.f.=0.9)	10A	10A	10A	10A	
	Min.	10mA 5VAC/DC				(Resistive load)
C-ULUS		6A 125VAC·6A 250VAC				(Resistive load)
Initial contact resistance		20mΩ max.				(1A 1~2VDC)
Initial dielectric strength		1500VAC 1 minute				
Initial insulation resistance		100MΩ min				(500VDC)
Electrical life (cycles)		5,000	10,000	5,000	10,000	10,000
Operating force		3.92~12.7N				
Operating temperature range		-25~+85°C				
Storage temperature range		-40~+85°C				

■ Part Numbering



★ : The combination marked in blue brackets shows made-to-order products.

■ Marking Color

Frame color · Rocker color	Making color
Black	White

The black color is standard for the frame and the rocker.
The gray and the ivory colors are also available as custom-made items.

■ Handling Precautions

1. Soldering Specifications

(1) Manual Soldering

Device : Soldering iron
380°C, Max.; 5 seconds, Max.

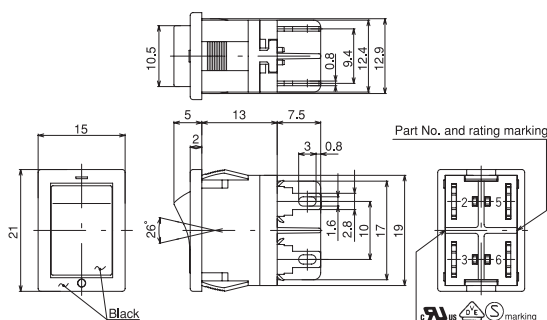
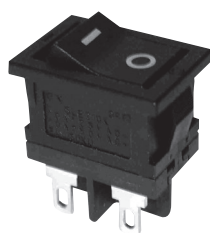
※ The tab terminals cannot be soldered.

Table of Part Numbers

Frame color and rocker color	Marking color	Switching function	Terminal styles	Part number and rating marking side				
Black	White	ON—OFF	Solder terminal	☆SLE210K	★SLE210K-5	SLE210K-6	★SLE210K-7	SLE210K-9
			#187 TAB	SLE210K2	SLE210K2-5	SLE210K2-6	SLE210K2-7	SLE210K2-9
			Right-angle	★SLE210K4	—	☆SLE210K4-6	★SLE210K4-7	—
			Left-angle	—	★SLE210K9-5	—	★SLE210K9-7	★SLE210K9-9
			Vertical mounting	—	—	★SLE210K11-6	—	—

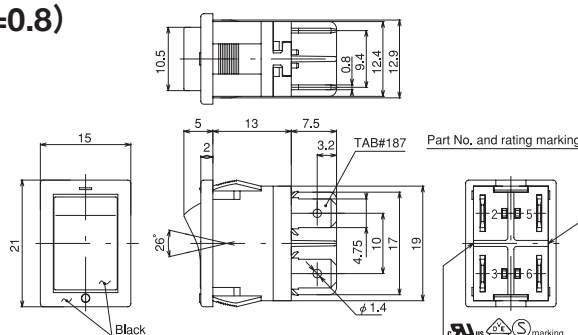
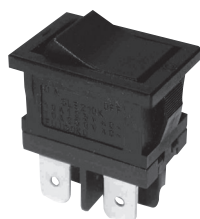
●For custom-made products, we accept orders for indication of letters, codes, etc., on the top surface of rocker.

Solder terminal

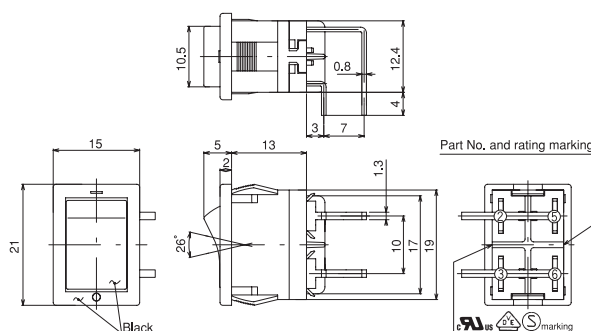
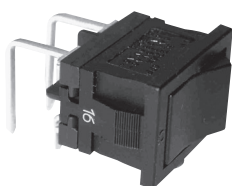


	Switching function Part No.	Viewed from part No. & rating marking side	
			
	SLE210K	ON	OFF
	Connecting terminals	2 — 3 5 — 6	—

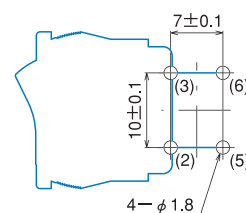
TAB#187 Terminal (t=0.8)



Right Angle Terminal

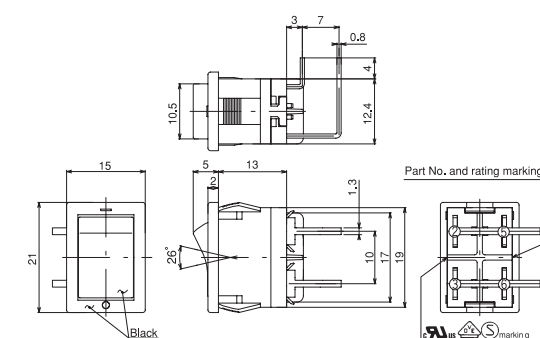
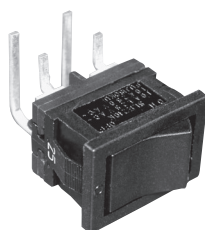


PC Hole Layouts (Top view)

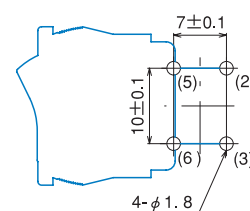


The blue lines show the outline of the switch.

Left Angle Terminal



PC Hole Layouts (Top view)



The blue lines show the outline of the switch.

▲ : Inquiry products.

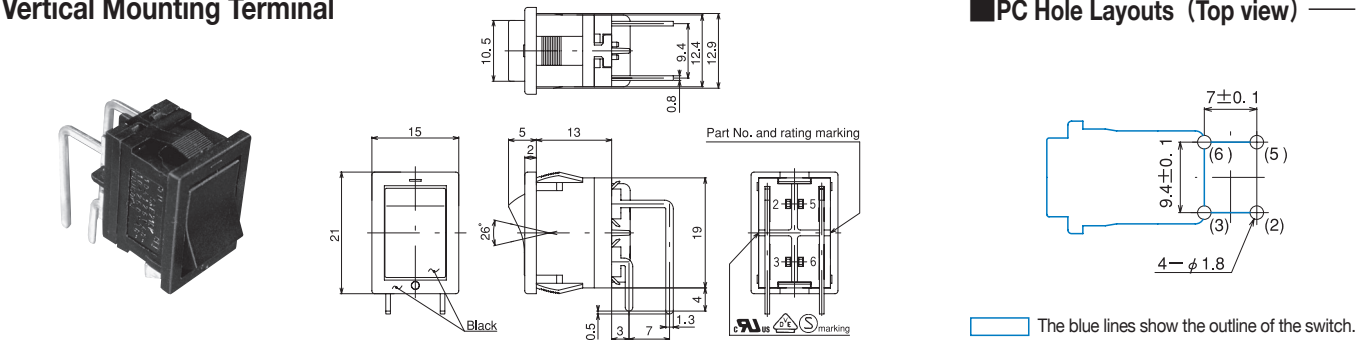
☆ : Semi-standard products.

★ : Made to order products.

●Terminal numbers are shown on the bottom of the switch.

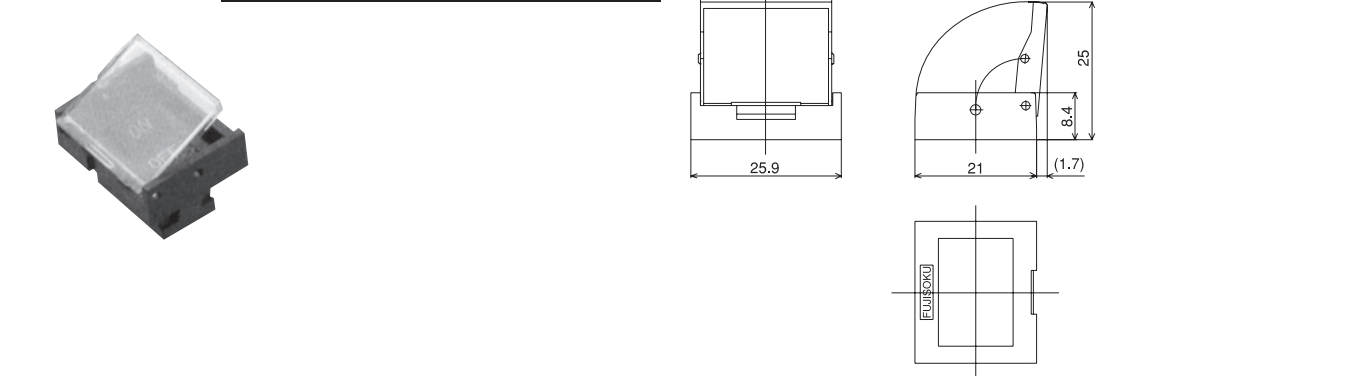
Vertical Mounting Terminal

PC Hole Layouts (Top view)



Switch Guard

Dedicated for use of rocker switches



Features

Clear visibility and one-touch mounting to save labor

Application

Best suited for protection of malfunction of miniature rocker switches (panel cutout: 19.2 x 12.9)

Specifications

Part Name: Switch guard

Part Number: 140007250027

Color: Black (transparent cover)

An application switch	●SLE6	●SLE10
	●SL10K	●SLE210K

※The switch guard cannot be used for the SLE10K type.

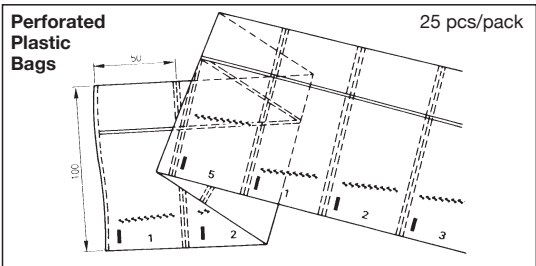
Approvals

UL File No.E43275

VDE License No. 40000090

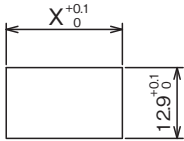
SEMKO File No. 1312457

Packaging Specification



Panel Cut-Out Dimensions

Switches		Switch Guard Installation	
Panel thickness	X	Panel thickness	X
0.75~1.25	19.2	0.75~1.4	19.4
1.25~2.0	19.4	1.4~2.3	19.8
2.0~3.0	19.8		



PRECAUTIONS FOR PANEL MOUNTING

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Nidec:

[SLE210K2-5](#) [SLE210K2-7](#) [SLE210K4-6](#) [SLE210K4-7](#) [SLE210K-5](#) [SLE210K-7](#)