



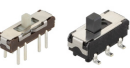
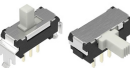
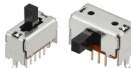













Switches

Slide Switches


List of Varieties

Series			SSAJ	SSSS8	SSAG	SSSS7	SSSS2	SSSS9	SSSF
Photo									
Actuator directions	Horizontal								
	Vertical	—		—	—				
Dimensions (mm)			2.5×5.5×0.7	6.7×2.6×1.4 6.7×4.1×1.4 9.7×2.6×1.4 9.7×4.1×1.4	3.0×9.05×1.15	8.8×3.0×2.0 12.5×3.0×2.0	8.5×3.5×3.5 9.0×3.5×3.5 13.0×3.5×3.5 15.0×3.5×3.5	11.5×4.7×5.0 11.5×4.7×5.5 11.5×7.2×5.0 11.5×7.2×5.5 14.0×4.7×5.0 14.0×4.7×5.5 14.0×7.2×5.0 14.0×7.2×5.5	14.5×7.0×8.5 16.5×7.0×8.5
Poles			1	1 2	1		1 2		1 2 4
Positions			2	2 3	3	2 3	2 3 4	2 3	
Operating force			1.5±1N	Refer to the dimensions	1N (Recoil side) 1N (Recoil side), 1.5N (Lock side)	Refer to the dimensions.		3±1.5N a, c → b 2±1N b → a, c 3±1.5N	Refer to the dimensions.
Operating temperature range			-10℃ to +60℃	-40℃ to +85℃	-10℃ to +60℃	-40℃ to +85℃			
Rating (max.)/(min.) (Resistive load)			10mA 5V DC/ 50μA 3V DC	0.3A 5V DC/ 50μA 3V DC	10mA 5V DC/ 50μA 3V DC	0.3A 4V DC/ 50μA 3V DC	0.3A 6V DC/ 50μA 3V DC	0.1A 12V DC/ 1mA 5V DC	0.1A 30V DC/ 50μA 3V DC
Electrical performance	Contact resistance (Initial performance/ After lifetime)		300mΩ max./ 500mΩ max.	70mΩ max./ 130mΩ max.	200mΩ max./ 500mΩ max.	70mΩ max./ 130mΩ max.		30mΩ max./ 80mΩ max.	25mΩ max./ 65mΩ max.
	Insulation resistance		100MΩ min. 100V DC			100MΩ min. 500V DC			
	Voltage proof		100V AC for 1 minute			500V AC for 1 minute			
Mechanical performance	Terminal strength		3N for 1 minute						5N for 1 minute
	Actuator strength	Operating direction	10N				20N	30N	
		Pulling direction	10N						30N
Durability	Operating life without load		10,000 cycles 500mΩ max.	10,000 cycles 100mΩ max.	100,000 cycles 500mΩ max. 100,000 cycles 500mΩ max. (Recoil side) 30,000 cycles 500mΩ max. (Lock side)	10,000 cycles 100mΩ max.	100 cycles 100mΩ max. 10,000 cycles 100mΩ max.	10,000 cycles 60mΩ max.	10,000 cycles 45mΩ max.
	Operating life with load (at max. rated load)		10,000 cycles 500mΩ max.	10,000 cycles 130mΩ max.	100,000 cycles 500mΩ max. 100,000 cycles 500mΩ max. (Recoil side) 30,000 cycles 500mΩ max. (Lock side)	10,000 cycles 130mΩ max.	100 cycles 130mΩ max. 10,000 cycles 130mΩ max.	10,000 cycles 80mΩ max.	10,000 cycles 65mΩ max.
Environmental performance	Cold		-40℃ 96h	-40℃ 500h	-40℃ 96h	-40℃ 500h			
	Dry heat		85℃ 96h	85℃ 500h	85℃ 96h	85℃ 500h			
	Damp heat		40℃, 90 to 95%RH 96h	60℃, 90 to 95%RH 500h	40℃, 90 to 95%RH 96h	60℃, 90 to 95%RH 500h			
Automotive			—	—	—	—	—	—	—



● Indicates applicability to all products in the series, while ○ indicates applicability to some products in the series.

Slide Switches

Series		SSSU
Photo		
Actuator directions	Horizontal	●
	Vertical	●
Dimensions (mm)		18.5×7.0×8.5 21.5×7.0×8.5 24.5×7.0×8.5
Poles		1 2 4
Positions		2 3
Operating force		Refer to the dimensions.
Operating temperature range		-40°C to +85°C
Rating (max.)/(min.) (Resistive load)		0.1A 30V DC/ 50μA 3V DC
Electrical performance	Contact resistance (Initial performance/ After lifetime)	25mΩ max./ 65mΩ 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 30N
		Pulling direction 30N
Durability	Operating life without load	10,000 cycles 45mΩ max.
	Operating life with load (at max. rated load)	10,000 cycles 65mΩ max.
Environmental performance	Cold	-40°C 500h
	Dry heat	85°C 500h
	Damp heat	60°C, 90 to 95%RH 500h
Automotive		—



● Indicates applicability to all products in the series, while ○ indicates applicability to some products in the series.

Switches

Slide Switches

0.7mm (H), 1.4mm-travel (Surface Mount)

SSAJ Series

Compact type with a body height of 0.7mm.



- Rating (max.)/(min.) (Resistive load): 10mA 5V DC/50μA 3V DC
- Contact resistance (Initial performance/After lifetime):
300mΩ max./500mΩ max.
- Operating life without load: 10,000 cycles 500mΩ max.
- Operating life with load (at max. rated load): 10,000 cycles 500mΩ max.

Applications: Mobile: Smartphones, tablets, Headsets, wearables,
Notebooks, peripherals
Energy_Industrial: Robots, drones, Industrial equipment,
Converters
Game: Home handheld consoles, Virtual/augmented reality
Healthcare: Healthcare equipment, Nursing care equipment,
Analysis, test equipment
Audio_TV: Audio, Cameras

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Location lug	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSAJ110100	Horizontal	1.4	1	2	1.5±1N	Not specified	Reflow	With	2.5×5.5×0.7	—	1
SSAJ120100	Horizontal	1.4	1	2	1.5±1N	Not specified	Reflow	Without	2.5×5.5×0.7	—	2

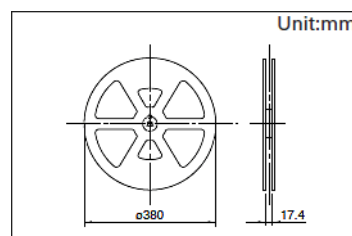
Note

1. This 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).

■ Packing Specifications

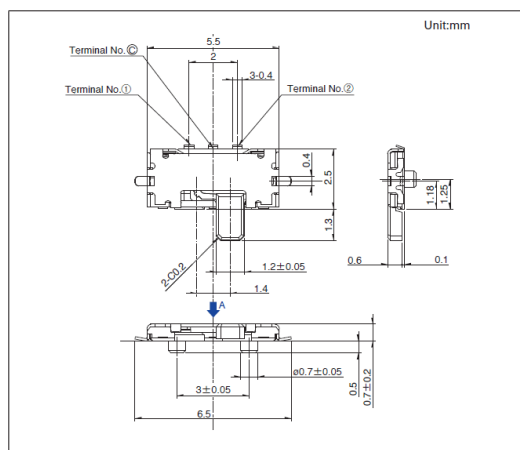
Taping

Number of packages (pcs.)			Tape width (mm)	Export package measurements (mm)
1 reel	1 case / Japan	1 case / export packing		
5,000	10,000	20,000	16	417 x 409 x 139

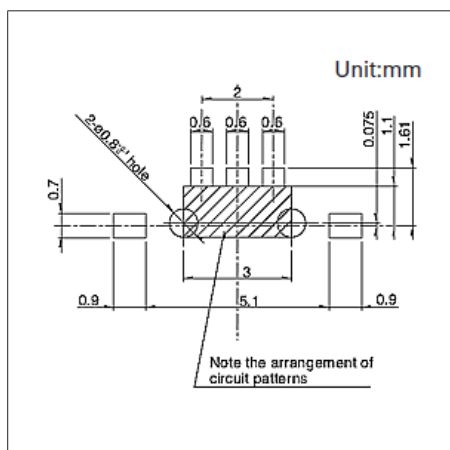


Drawing No.1

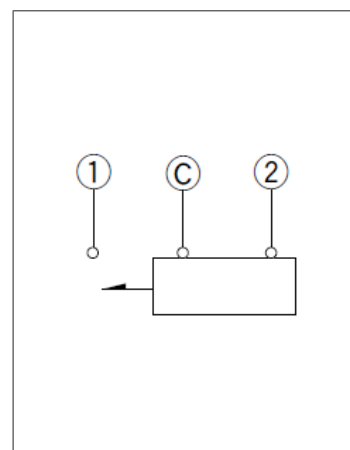
■ Dimensions



■ Land Dimensions

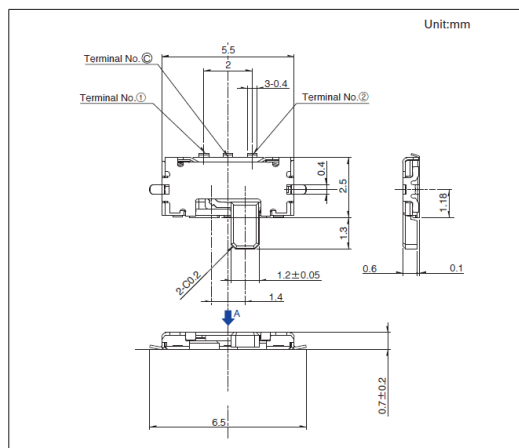


■ Circuit Diagram

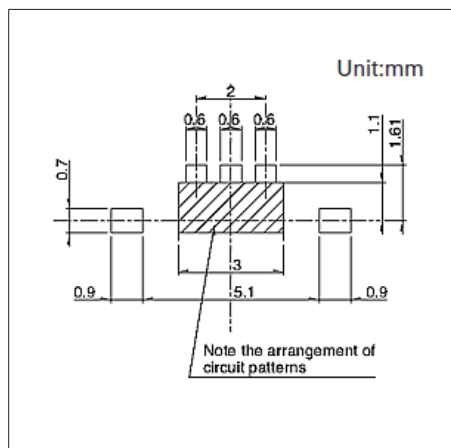


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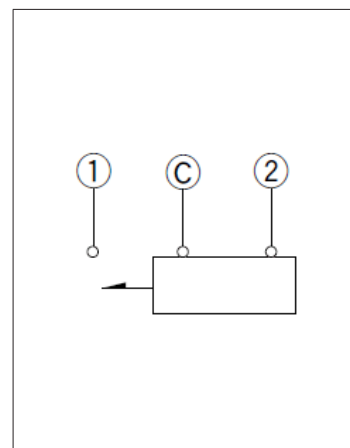
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



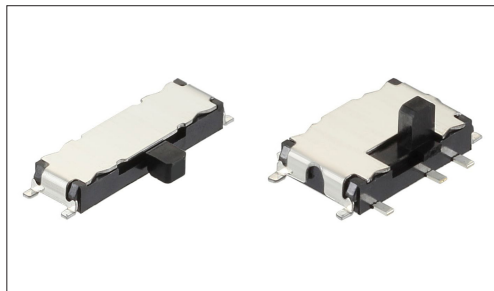
Switches

Slide Switches

1.4 (H) mm, 1.5/2.0mm-travel (Surface Mount)

SSSS8 Series

Thin-profile type with a body height of 1.4mm.



- Rating (max.)/(min.) (Resistive load): 0.3A 5V DC/50μA 3V DC
- Contact resistance (Initial performance/After lifetime):
70mΩ max./130mΩ max.
- Operating life without load: 10,000 cycles 100mΩ max.
- Operating life with load (at max. rated load): 10,000 cycles 130mΩ max.

Applications: Mobile: Smartphones, tablets, Headsets, wearables,
Notebooks, peripherals
Energy_Industrial: Robots, drones, Industrial equipment,
Converters
Game: Home handheld consoles, Virtual/augmented reality
Healthcare: Healthcare equipment, Nursing care equipment,
Analysis, test equipment
Audio_TV: Audio, Cameras

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Ground terminal	Soldering	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSS820101	Vertical	1.5	2	2	Refer to the dimensions	Not specified	Without	Reflow	6.7×4.1×1.4	—	1
SSSS820301	Vertical	1.5	2	3	Refer to the dimensions	Not specified	Without	Reflow	9.7×4.1×1.4	—	2
SSSS820201	Vertical	1.5	2	2	Refer to the dimensions	Not specified	With	Reflow	6.7×4.1×1.4	—	3
SSSS820501	Vertical	1.5	2	3	Refer to the dimensions	Not specified	With	Reflow	9.7×4.1×1.4	—	4
SSSS810701	Horizontal	1.5	1	2	Refer to the dimensions	Not specified	Without	Reflow	6.7×2.6×1.4	—	5
SSSS811501	Horizontal	1.5	1	3	Refer to the dimensions	Not specified	Without	Reflow	9.7×2.6×1.4	—	6
SSSS811101	Horizontal	1.5	1	2	Refer to the dimensions	Not specified	With	Reflow	6.7×2.6×1.4	—	7
SSSS812201	Horizontal	1.5	1	3	Refer to the dimensions	Not specified	With	Reflow	9.7×2.6×1.4	—	8
SSSS810201	Horizontal	2.0	1	2	Refer to the dimensions	Not specified	With	Reflow	9.7×2.6×1.4	—	9

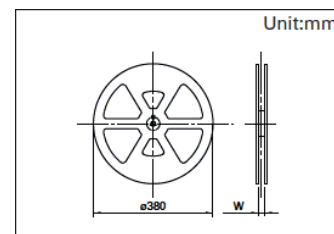
⚠ Note

1. This 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).

■ Packing Specifications

Taping

Products No.	Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
	1 reel	1 case / Japan	1 case / export packing		
SSSS820101 SSSS820301 SSSS820201 SSSS820501	1,800	3,600	7,200	24	406 x 406 x 190
SSSS810701 SSSS811501 SSSS811101 SSSS812201 SSSS810201	4,500	9,000	18,000	16	417 x 409 x 139



Switches

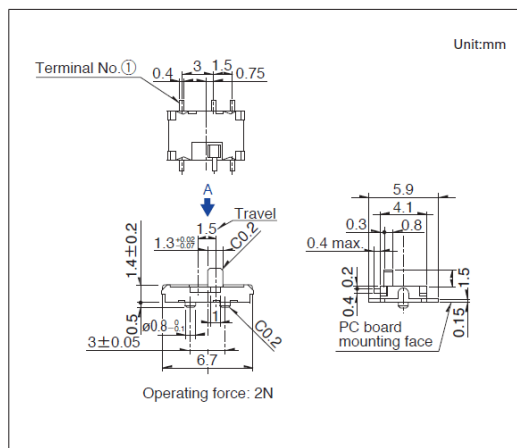
Slide Switches

1.4 (H) mm, 1.5/2.0mm-travel (Surface Mount)

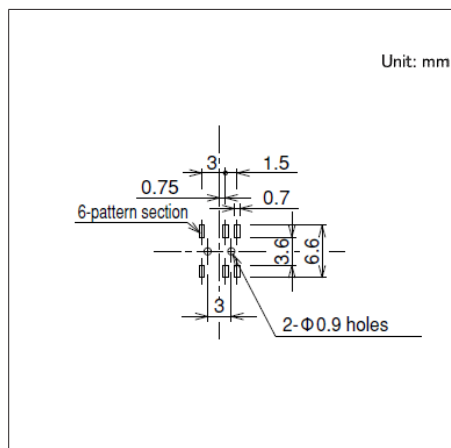
SSSS8 Series

Drawing No.1

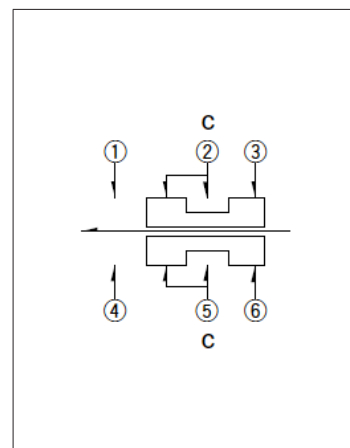
■ Dimensions



■ Land Dimensions



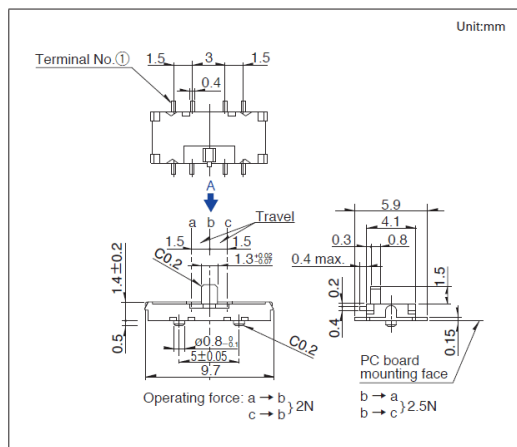
■ Circuit Diagram



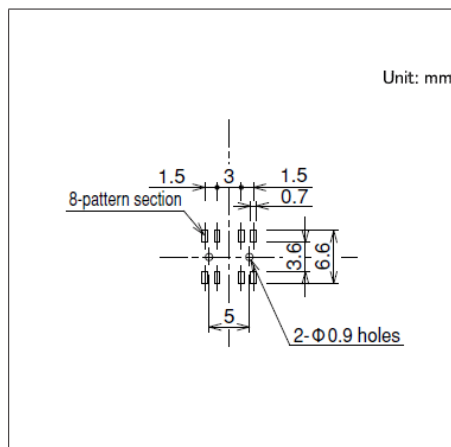
Viewed from direction A in the dimensions.

Drawing No.2

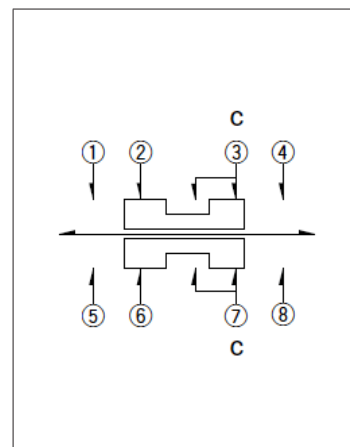
■ Dimensions



■ Land Dimensions



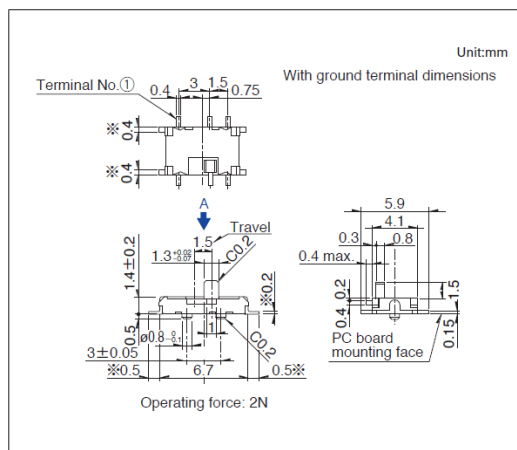
■ Circuit Diagram



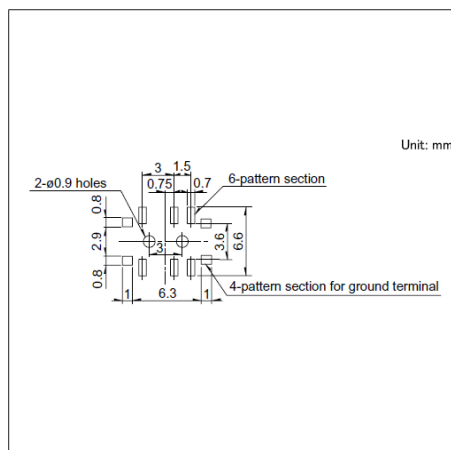
Viewed from direction A in the dimensions.

Drawing No.3

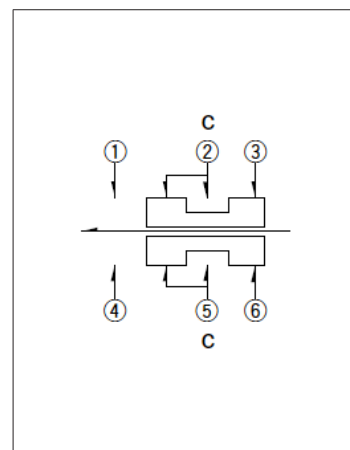
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

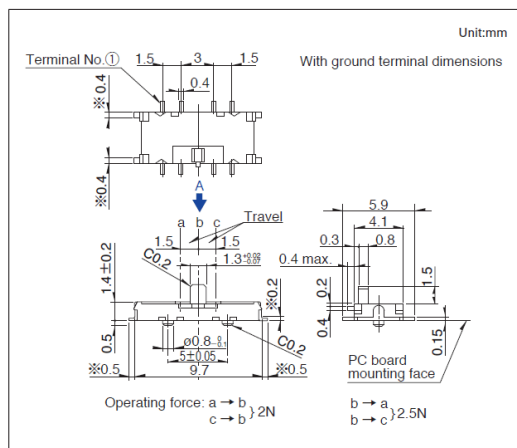
Slide Switches

1.4 (H) mm, 1.5/2.0mm-travel (Surface Mount)

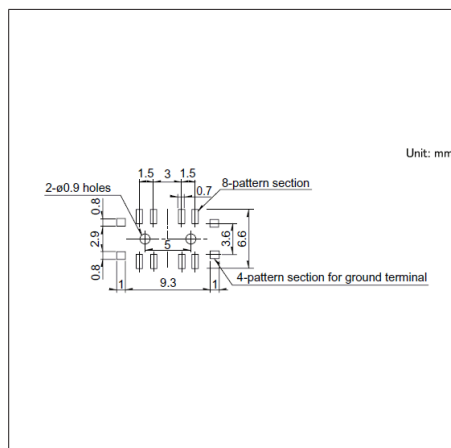
SSSS8 Series

Drawing No.4

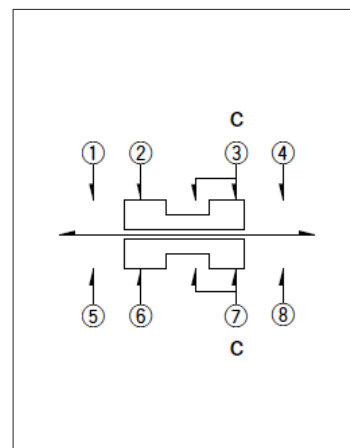
■ Dimensions



■ Land Dimensions



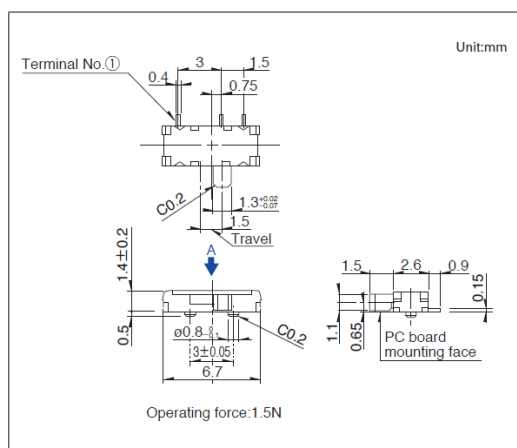
■ Circuit Diagram



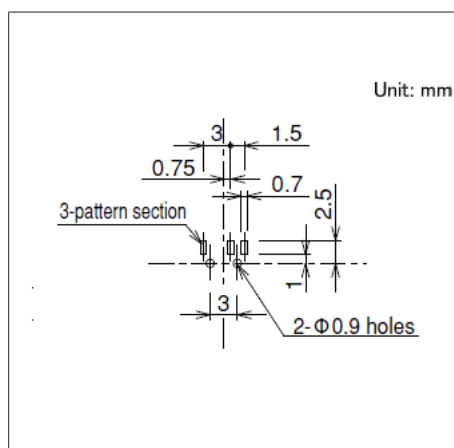
Viewed from direction A in the dimensions.

Drawing No.5

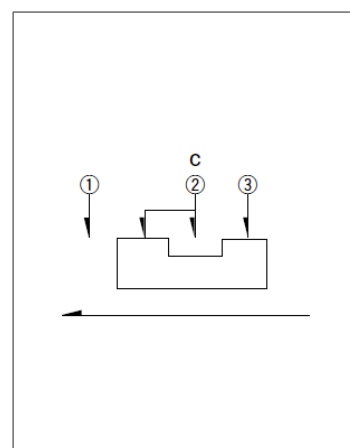
■ Dimensions



■ Land Dimensions



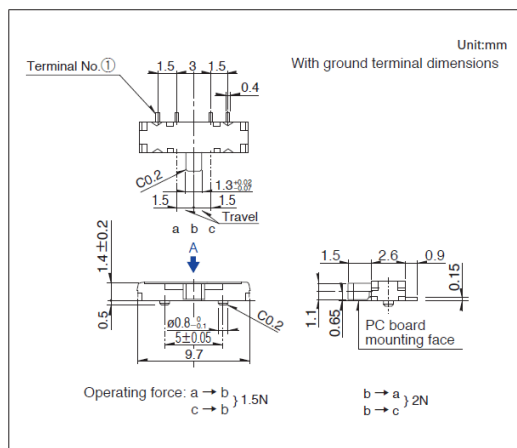
■ Circuit Diagram



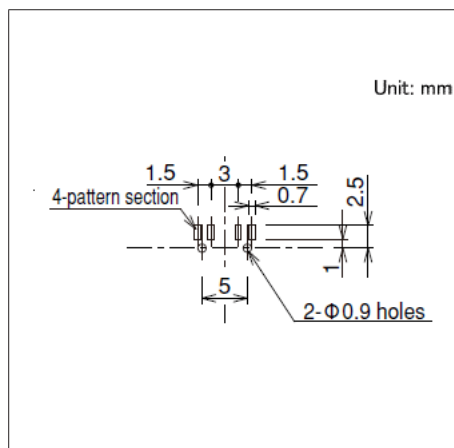
Viewed from direction A in the dimensions.

Drawing No.6

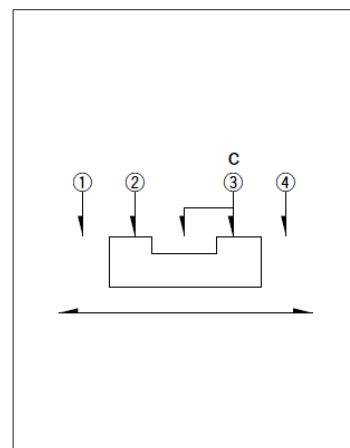
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

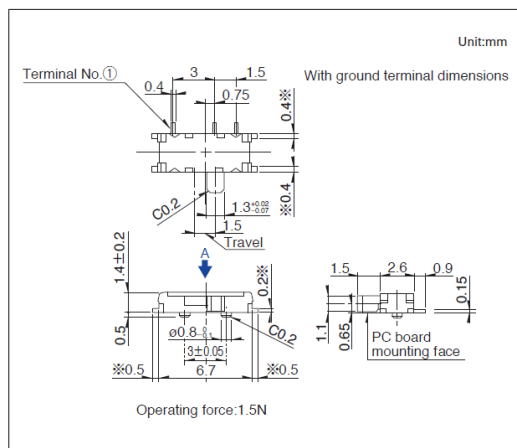
Slide Switches

1.4 (H) mm, 1.5/2.0mm-travel (Surface Mount)

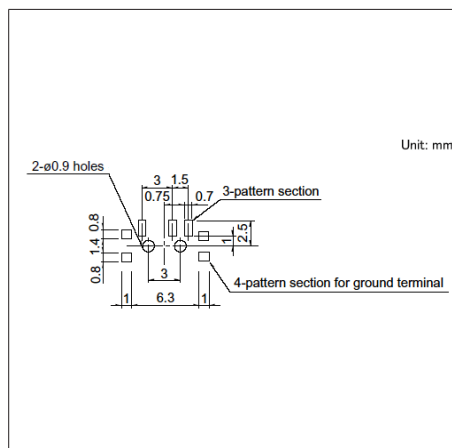
SSSS8 Series

Drawing No.7

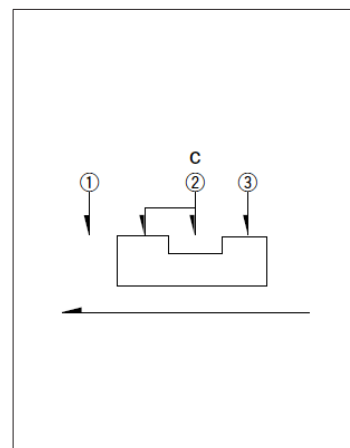
■ Dimensions



■ Land Dimensions



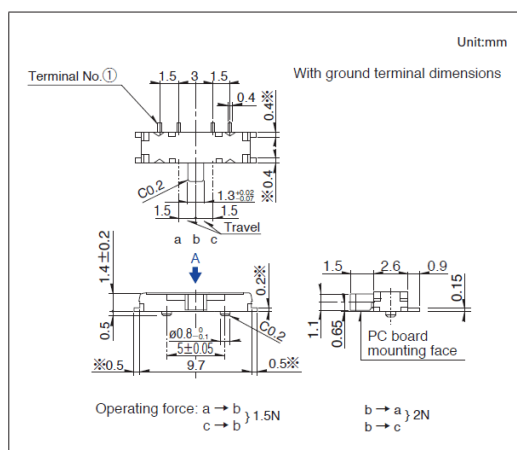
■ Circuit Diagram



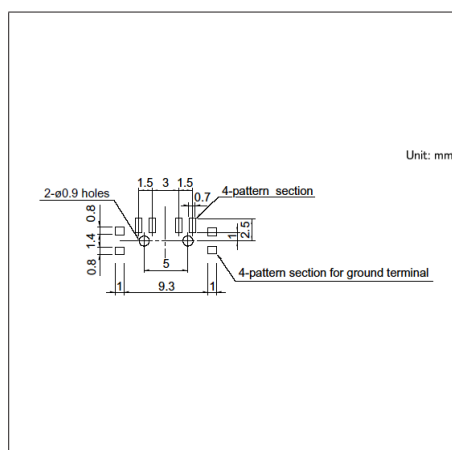
Viewed from direction A in the dimensions.

Drawing No.8

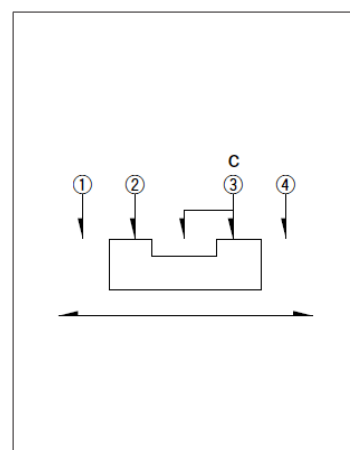
■ Dimensions



■ Land Dimensions



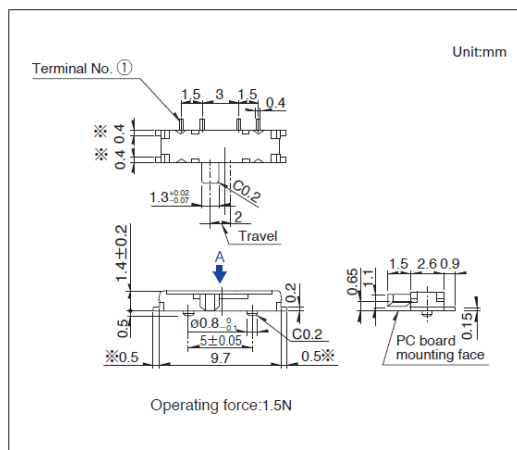
■ Circuit Diagram



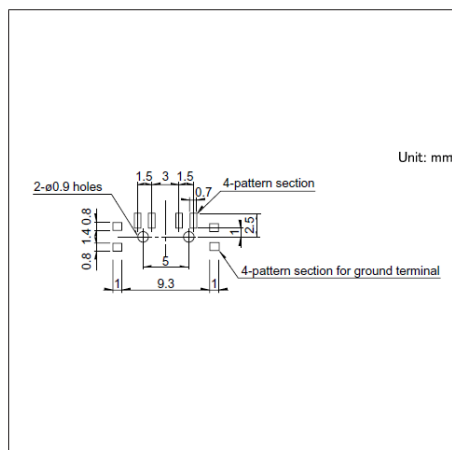
Viewed from direction A in the dimensions.

Drawing No.9

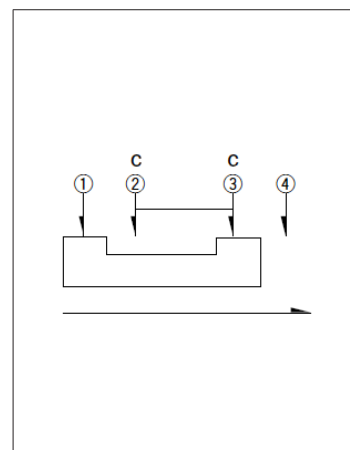
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

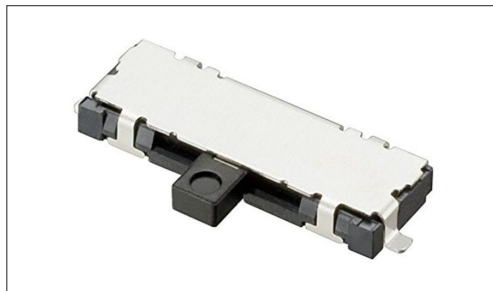
Switches

Slide Switches

0.9 (H) mm, Recoil for Single-side and Both-sides

SSAG Series

Long-life type designed to meet the evolution toward miniaturization and thin profiles.



- Rating (max.)/(min.) (Resistive load): 10mA 5V DC/50μA 3V DC
- Contact resistance (Initial performance/After lifetime):
200mΩ max./500mΩ max.
- Operating life without load: 100,000 cycles 500mΩ max. (Recoil side)
30,000 cycles 500mΩ max. (Lock side)
- Operating life with load (at max. rated load):
100,000 cycles 500mΩ max. (Recoil side)
30,000 cycles 500mΩ max. (Lock side)

Applications: Mobile: Smartphones, tablets, Headsets, wearables,
Notebooks, peripherals
Energy_Industrial: Robots, drones, Industrial equipment,
Converters
Game: Home handheld consoles, Virtual/augmented reality
Healthcare: Healthcare equipment, Nursing care equipment,
Analysis, test equipment
Audio_TV: Audio, Cameras

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Operation	Shape of frame leg	Location lug	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSAG130100	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Left-side recoil	For PC board insert	Without	3.0×9.05×1.15	—	1
SSAG130200	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Left-side recoil	For PC board insert	With	3.0×9.05×1.15	—	2
SSAG130300	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Left-side recoil	Flat	Without	3.0×9.05×1.15	—	3
SSAG130400	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Left-side recoil	Flat	With	3.0×9.05×1.15	—	4
SSAG230100	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Right-side recoil	For PC board insert	Without	3.0×9.05×1.15	—	5
SSAG230200	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Right-side recoil	For PC board insert	With	3.0×9.05×1.15	—	6
SSAG230300	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Right-side recoil	Flat	Without	3.0×9.05×1.15	—	7
SSAG230400	Horizontal	1.5	1	3	1N (Recoil side), 1.5N (Lock side)	Not specified	Reflow	Right-side recoil	Flat	With	3.0×9.05×1.15	—	8
SSAG330100	Horizontal	1.5	1	3	1N (Recoil side)	Not specified	Reflow	Double-side recoil	For PC board insert	Without	3.0×9.05×1.15	—	9
SSAG330200	Horizontal	1.5	1	3	1N (Recoil side)	Not specified	Reflow	Double-side recoil	For PC board insert	With	3.0×9.05×1.15	—	10
SSAG330300	Horizontal	1.5	1	3	1N (Recoil side)	Not specified	Reflow	Double-side recoil	Flat	Without	3.0×9.05×1.15	—	11
SSAG330400	Horizontal	1.5	1	3	1N (Recoil side)	Not specified	Reflow	Double-side recoil	Flat	With	3.0×9.05×1.15	—	12

⚠ Note

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2. Please place purchase orders for taping products per minimum order unit (1 reel or a case).

Switches

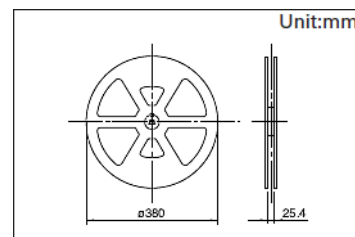
Slide Switches

0.9 (H) mm, Recoil for Single-side and Both-sides
SSAG Series

■ Packing Specifications

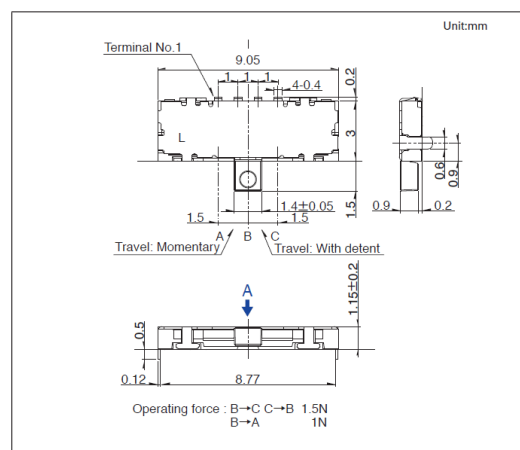
Taping

Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
1 reel	1 case / Japan	1 case / export packing		
4,000	8,000	16,000	24	428 x 413 x 172

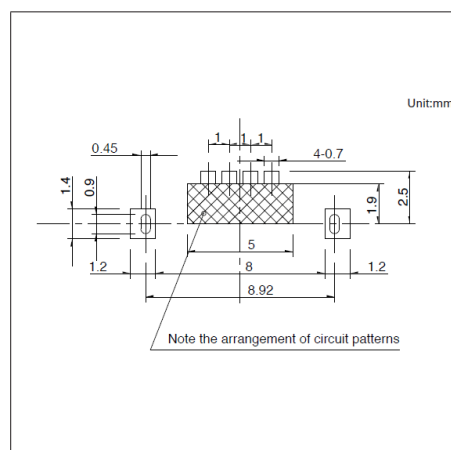


Drawing No.1

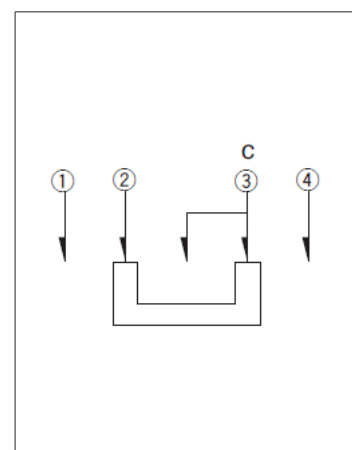
■ Dimensions



■ Land Dimensions



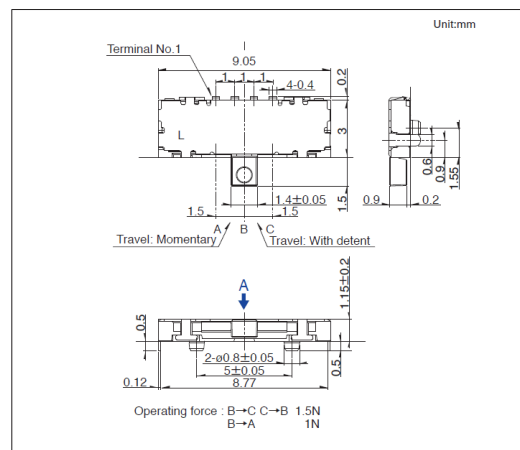
■ Circuit Diagram



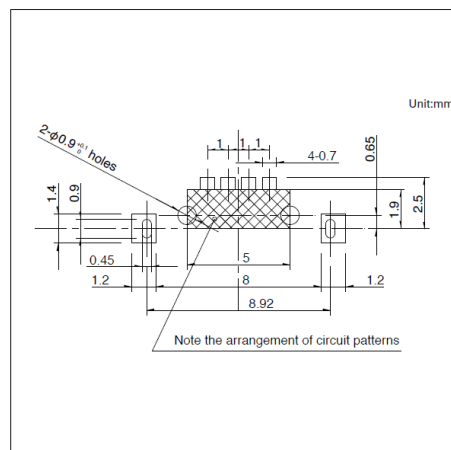
Viewed from direction A in the dimensions.

Drawing No.2

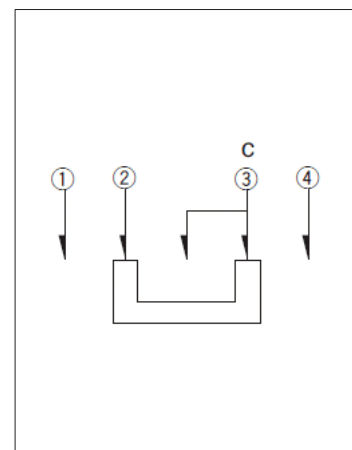
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



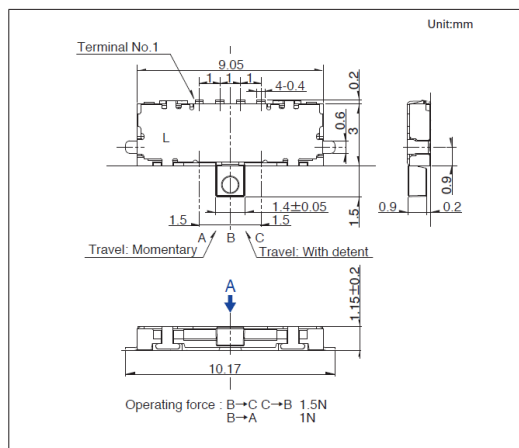
Viewed from direction A in the dimensions.

Switches

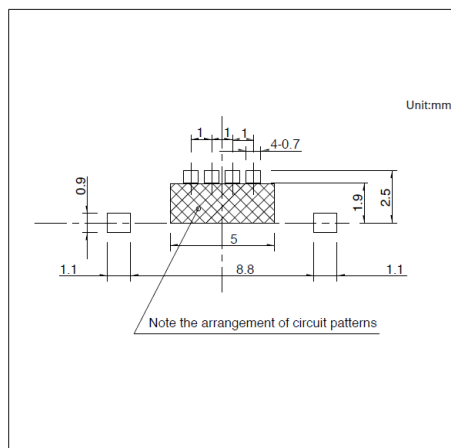
Slide Switches

0.9 (H) mm, Recoil for Single-side and Both-sides
SSAG Series**Drawing No.3**

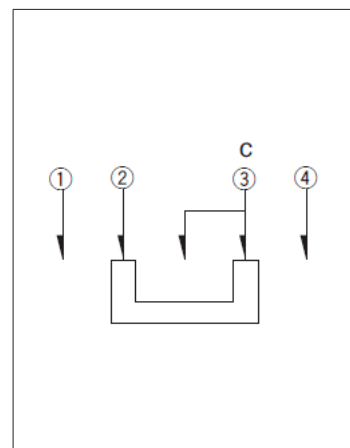
■ Dimensions



■ Land Dimensions



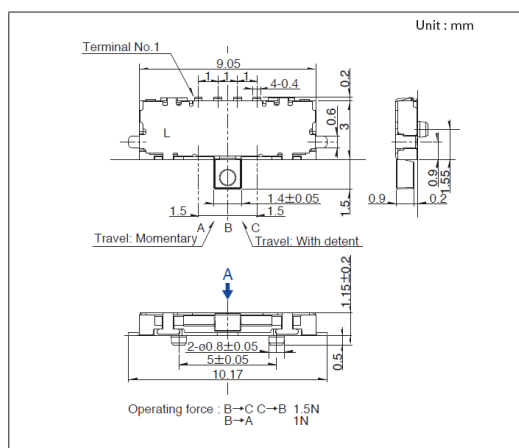
■ Circuit Diagram



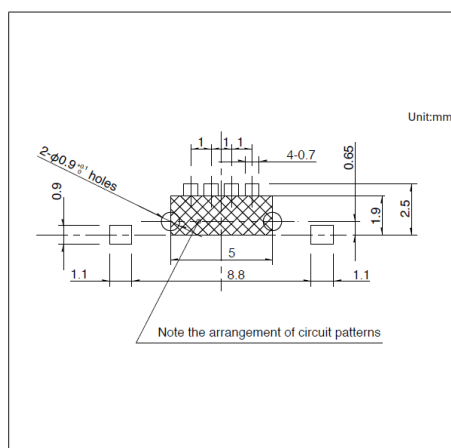
Viewed from direction A in the dimensions.

Drawing No.4

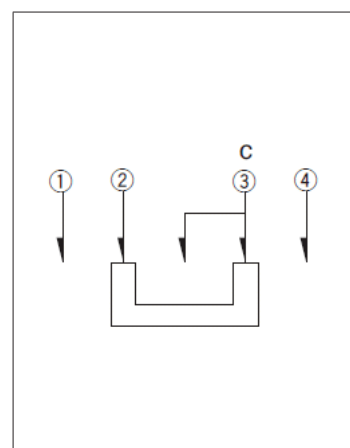
■ Dimensions



■ Land Dimensions



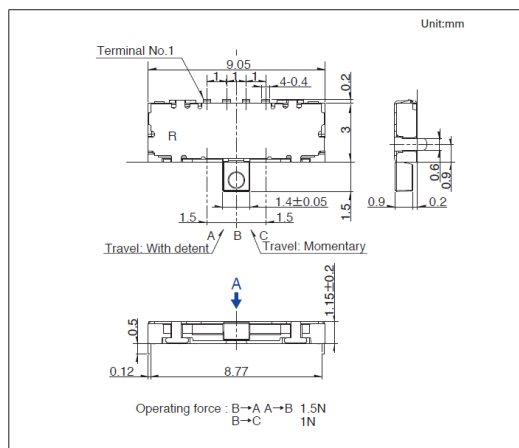
■ Circuit Diagram



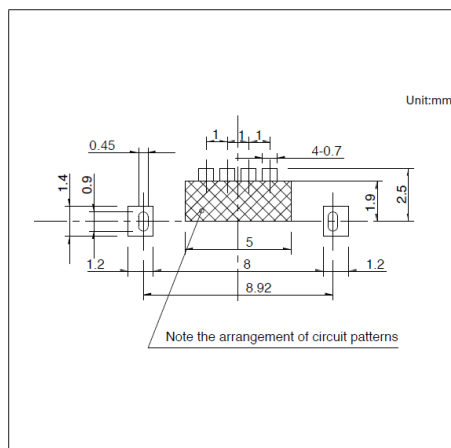
Viewed from direction A in the dimensions.

Drawing No.5

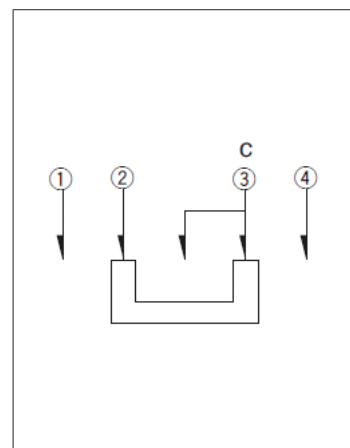
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



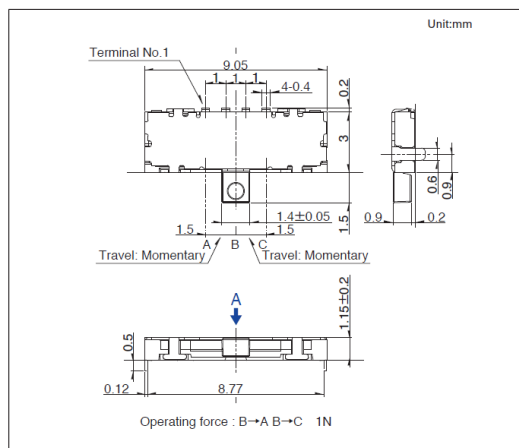
Viewed from direction A in the dimensions.

Switches

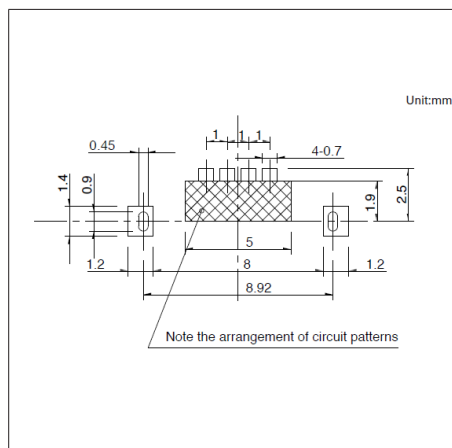
Slide Switches

0.9 (H) mm, Recoil for Single-side and Both-sides
SSAG Series**Drawing No.9**

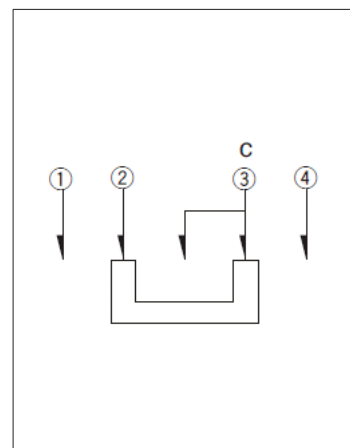
■ Dimensions



■ Land Dimensions



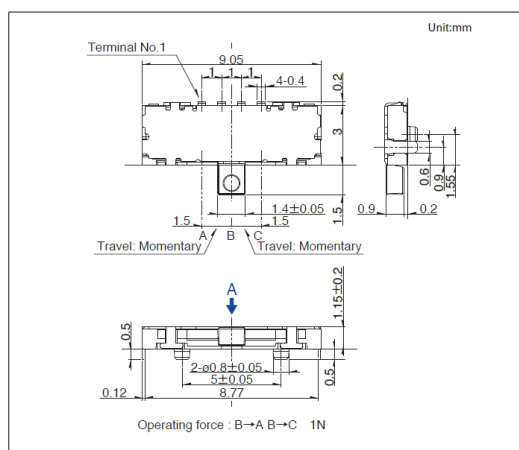
■ Circuit Diagram



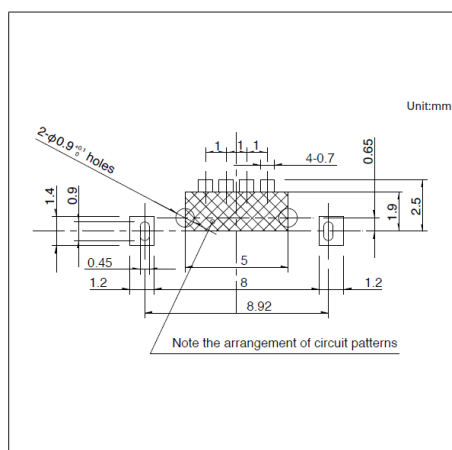
Viewed from direction A in the dimensions.

Drawing No.10

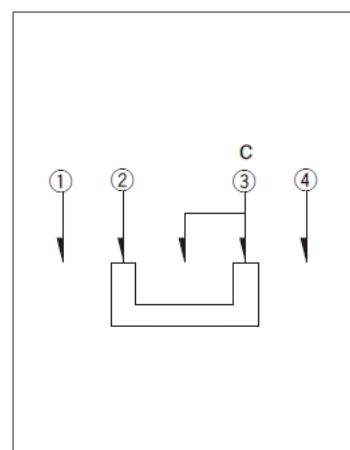
■ Dimensions



■ Land Dimensions



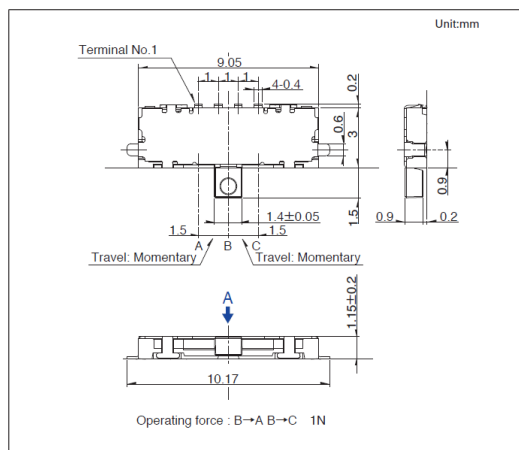
■ Circuit Diagram



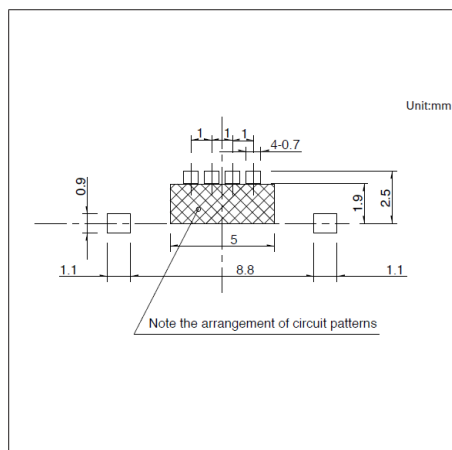
Viewed from direction A in the dimensions.

Drawing No.11

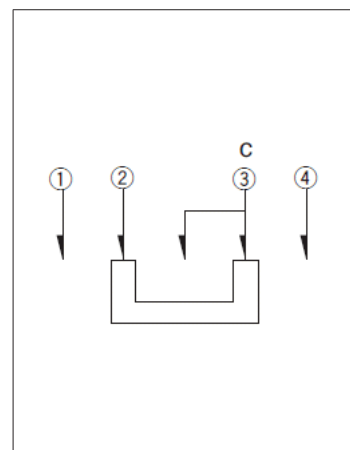
■ Dimensions



■ Land Dimensions



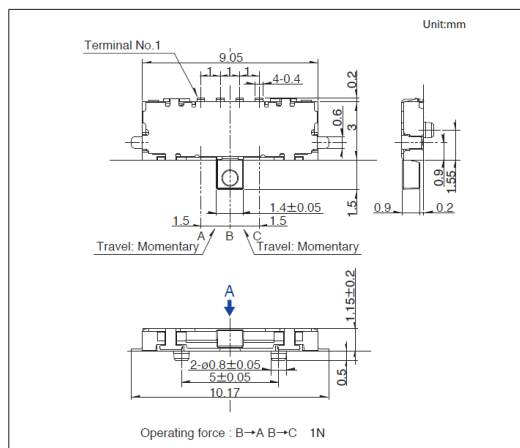
■ Circuit Diagram



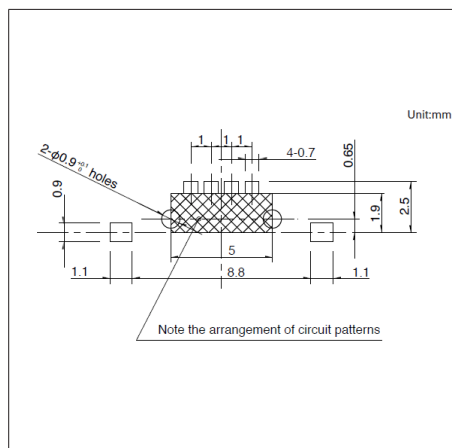
Viewed from direction A in the dimensions.

Drawing No.12

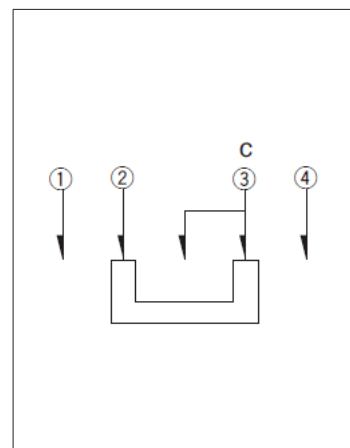
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

Slide Switches

2.0 (H) mm, 2.0mm-travel

SSSS7 Series

Compact general-purpose type with selectable soldering methods.



- Rating (max.)/(min.) (Resistive load): 0.3A 4V DC/50 μ A 3V DC
- Contact resistance (Initial performance/After lifetime):
70m Ω max./130m Ω max.
- Operating life without load: 10,000 cycles 100m Ω max.
- Operating life with load (at max. rated load): 10,000 cycles 130m Ω max.

Applications: Mobile: Notebooks, peripherals
Audio_TV: Cameras

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Operation	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSS710100	Horizontal	2.0	1	2	Refer to the dimensions.	Not specified	Manual	Standard	8.8×3.0×2.0	—	1
SSSS710607	Horizontal	2.0	1	2	Refer to the dimensions.	Not specified	Reflow	Standard	8.8×3.0×2.0	—	2
SSSS711100	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Manual	Standard	12.5×3.0×2.0	—	3
SSSS711403	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Reflow	Standard	12.5×3.0×2.0	—	4

⚠ Note

1. This 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. Please place purchase orders for taping products per minimum order unit (1 reel or a case).

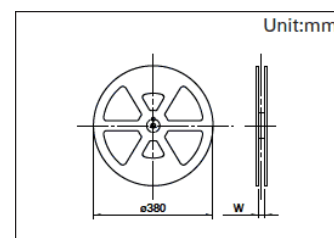
■ Packing Specifications

Bulk

Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
SSSS710100	10,000	50,000	400 x 270 x 290
SSSS711100	8,000	40,000	400 x 270 x 290

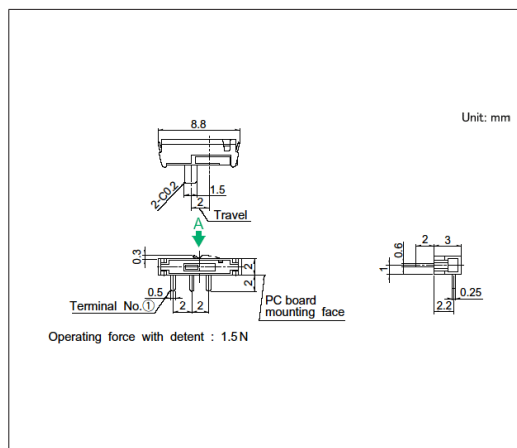
Taping

Products No.	Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
	1 reel	1 case / Japan	1 case / export packing		
SSSS710607	2,000	4,000	8,000	16	417 x 409 x 139
SSSS711403	2,000	4,000	8,000	24	406 x 406 x 190

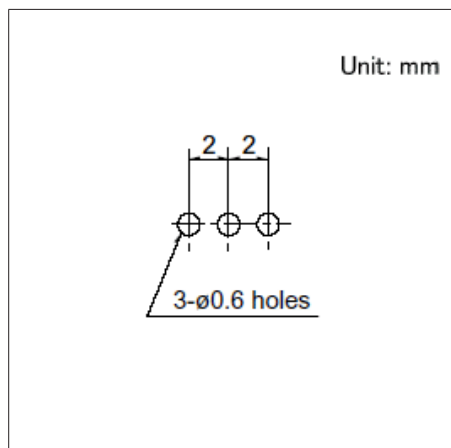


Drawing No.1

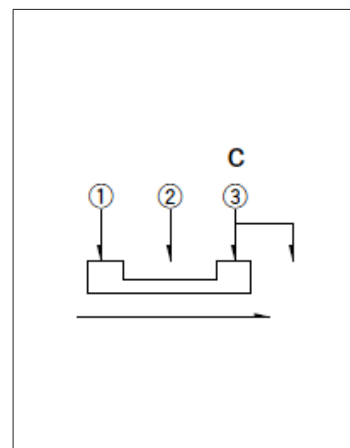
■ Dimensions



■ Mounting Hole Dimensions



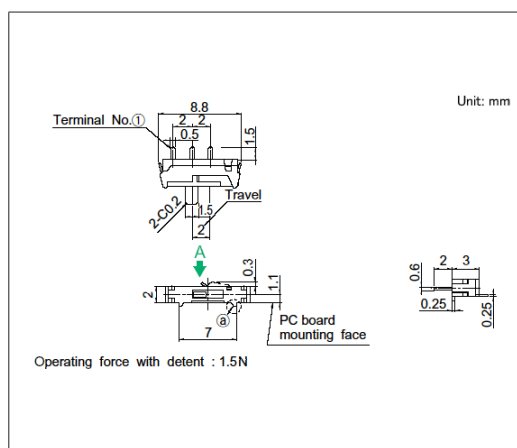
■ Circuit Diagram



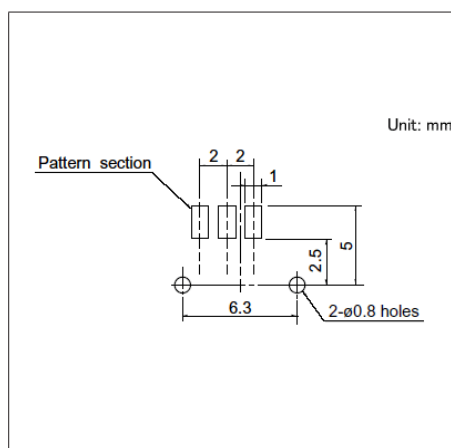
Viewed from direction A in the dimensions.

Drawing No.2

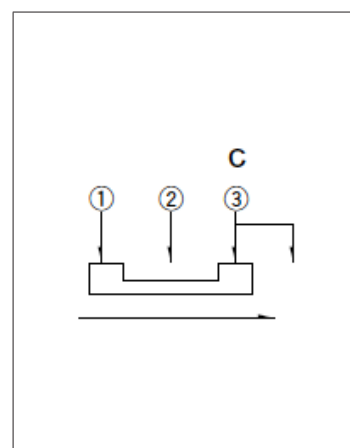
■ Dimensions



■ Land Dimensions



■ Circuit Diagram

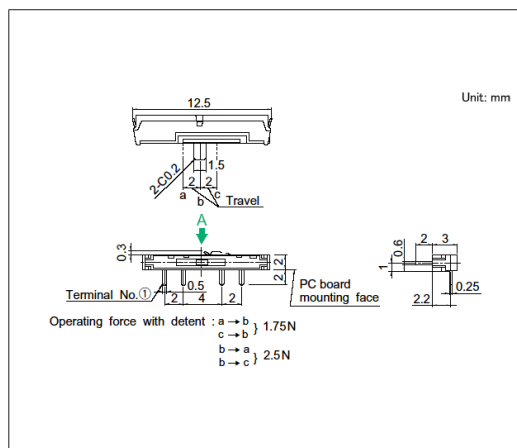


Refer to the website for detail of ②

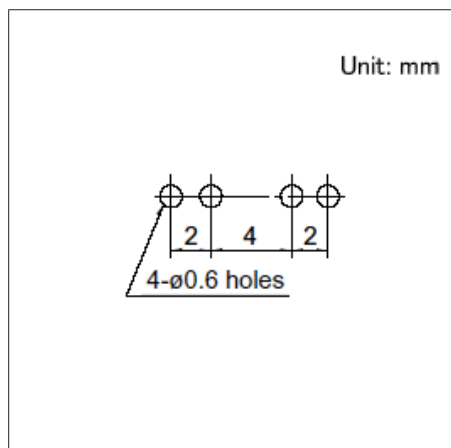
Viewed from direction A in the dimensions.

Drawing No.3

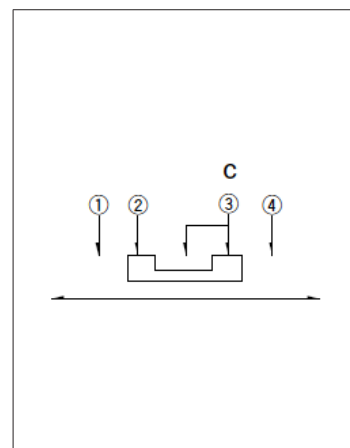
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

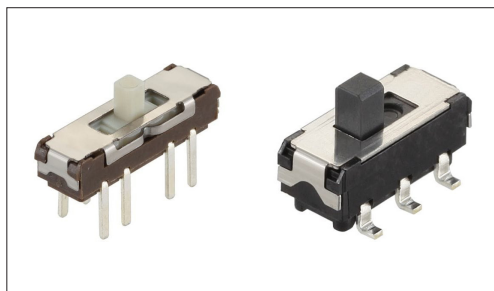
Switches

Slide Switches

3.5 (H) mm, 2.0mm-travel

SSSS2 Series

Supports miniaturization and high-density integration for various mobile devices.



- Rating (max.)/(min.) (Resistive load): 0.3A 6V DC/50μA 3V DC
 - Contact resistance (Initial performance/After lifetime):
70mΩ max./130mΩ max.
 - Operating life without load: 10,000 cycles 100mΩ max. ※
 - Operating life with load (at max. rated load): 10,000 cycles 130mΩ max. ※
- ⚠ **Note** ※SSSS213202 only 100 cycles

Applications: Healthcare: Healthcare equipment
Home: Major home appliances
Audio_TV: Audio

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSS213000	Vertical	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	9.0×3.5×3.5	—	1
SSSS211900	Vertical	2.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	13.0×3.5×3.5	—	2
SSSS222700	Vertical	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	9.0×3.5×3.5	—	3
SSSS223600	Vertical	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	13.0×3.5×3.5	—	4
SSSS213202	Vertical	2.0	1	2	Refer to the dimensions.	Non shorting	Reflow	8.5×3.5×3.5	—	5
SSSS212901	Vertical	2.0	1	3	Refer to the dimensions.	Non shorting	Reflow	13.0×3.5×3.5	—	6
SSSS213100	Horizontal	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	9.0×3.5×3.5	—	7
SSSS212200	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	13.0×3.5×3.5	—	8
SSSS212400	Horizontal	2.0	1	4	Refer to the dimensions.	Non shorting	Manual, Dip	15.0×3.5×3.5	—	9
SSSS223200	Horizontal	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	9.0×3.5×3.5	—	10
SSSS223900	Horizontal	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	13.0×3.5×3.5	—	11
SSSS224100	Horizontal	2.0	2	4	Refer to the dimensions.	Non shorting	Manual, Dip	15.0×3.5×3.5	—	12
SSSS211603	Horizontal	2.0	1	2	Refer to the dimensions.	Non shorting	Reflow	9.0×3.5×3.5	—	13
SSSS213800	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Reflow	13.0×3.5×3.5	—	14
SSSS224500	Horizontal	2.0	2	3	Refer to the dimensions.	Non shorting	Reflow	13.0×3.5×3.5	—	15

⚠ **Note**

1. This 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. Please place purchase orders for taping products per minimum order unit (1 reel or a case).

■ Packing Specifications

Bulk

Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
SSSS213000 SSSS211900 SSSS222700 SSSS223600 SSSS213100 SSSS212200 SSSS212400 SSSS223200 SSSS223900 SSSS224100	2,000	10,000	400 x 270 x 290

Switches

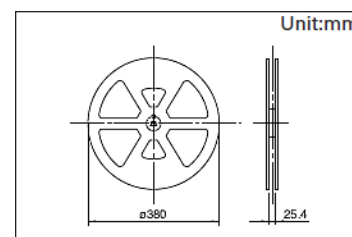
Slide Switches

3.5 (H) mm, 2.0mm-travel

SSSS2 Series

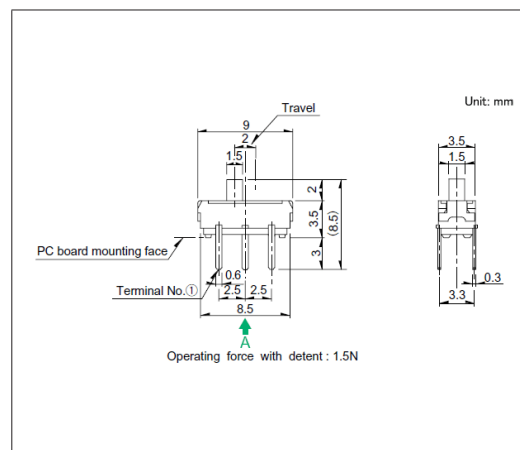
Taping

Products No.	Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
	1 reel	1 case / Japan	1 case / export packing		
SSSS213202	1,200	2,400	4,800	24	428 x 413 x 172
SSSS212901	1,000	2,000	4,000	24	406 x 406 x 190
SSSS211603 SSSS213800 SSSS224500	1,400	2,800	5,600	24	406 x 406 x 190

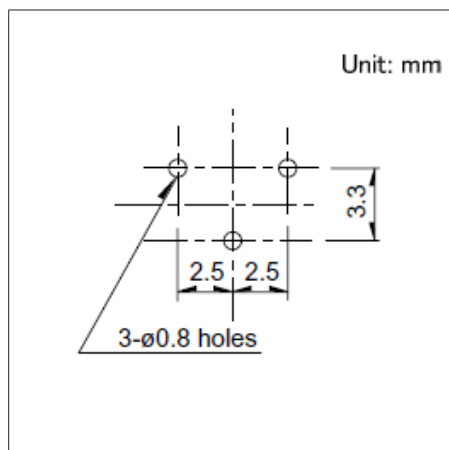


Drawing No.1

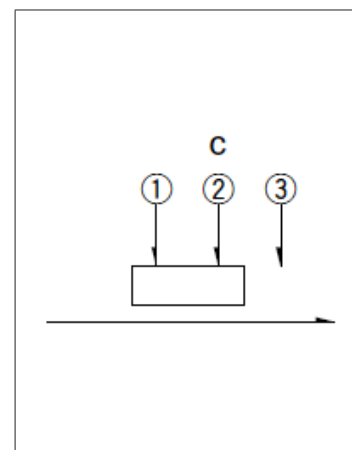
■ Dimensions



■ Mounting Hole Dimensions



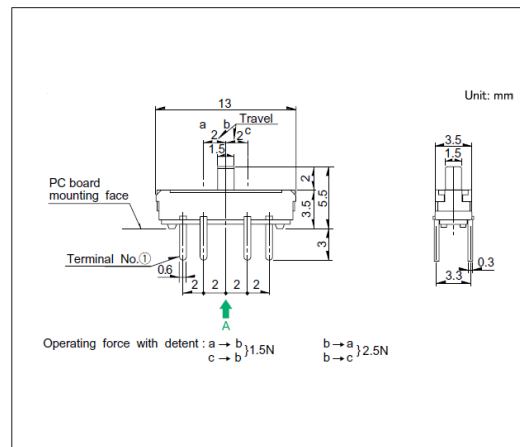
■ Circuit Diagram



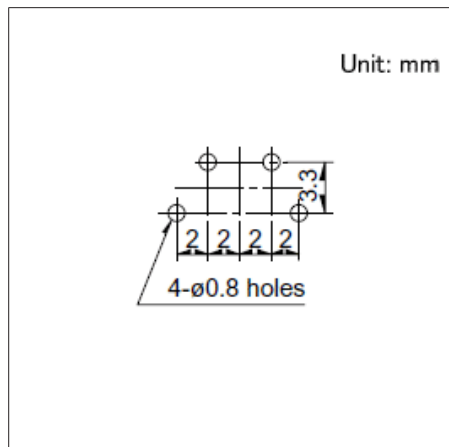
Viewed from direction A in the dimensions.

Drawing No.2

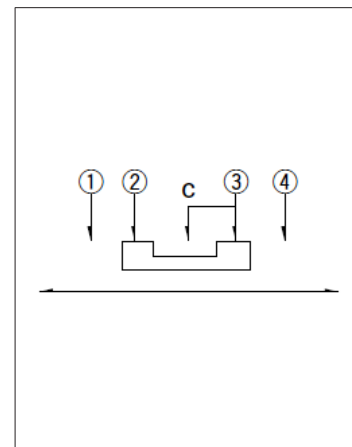
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

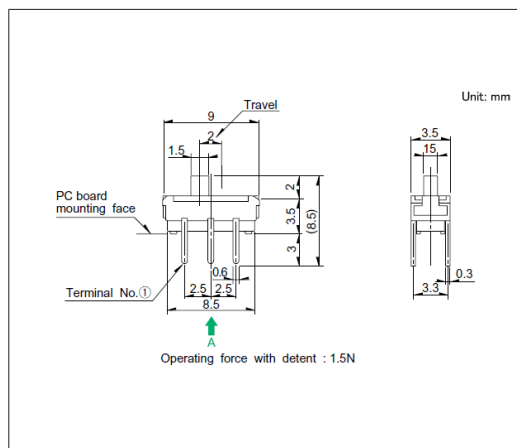
Switches

Slide Switches

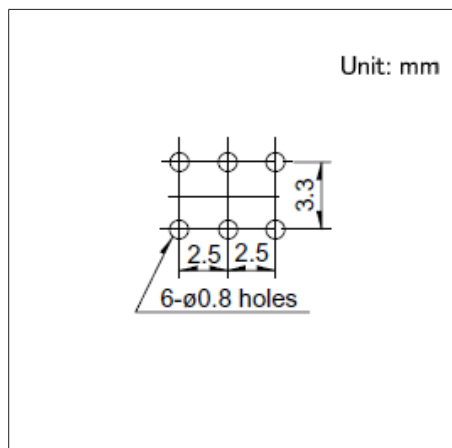
3.5 (H) mm, 2.0mm-travel
SSSS2 Series

Drawing No.3

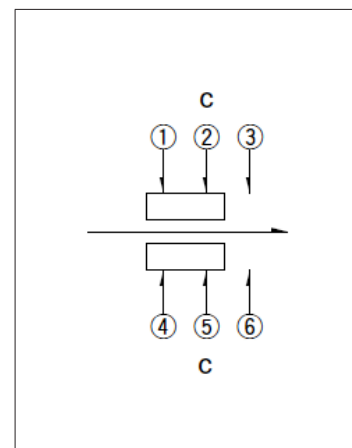
■ Dimensions



■ Mounting Hole Dimensions



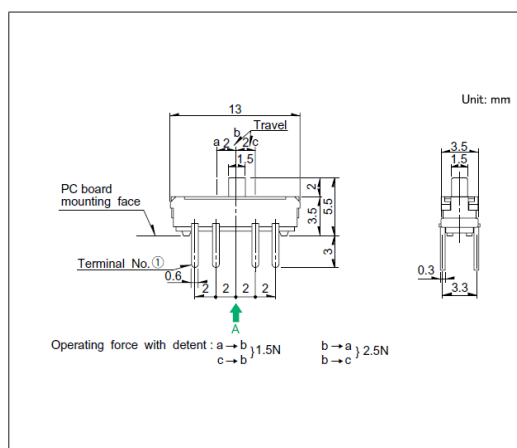
■ Circuit Diagram



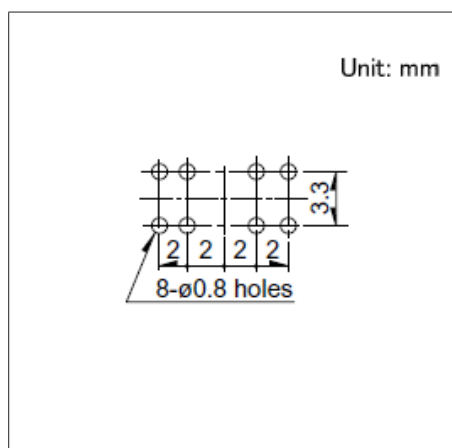
Viewed from direction A in the dimensions.

Drawing No.4

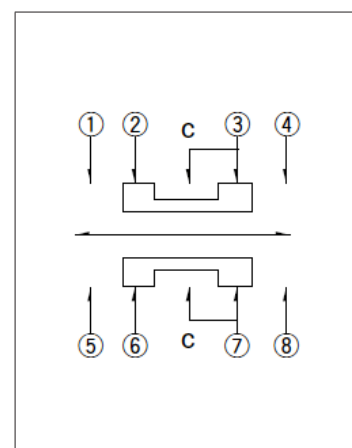
■ Dimensions



■ Mounting Hole Dimensions



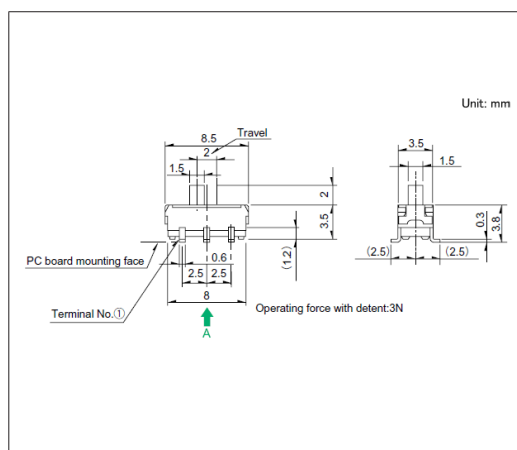
■ Circuit Diagram



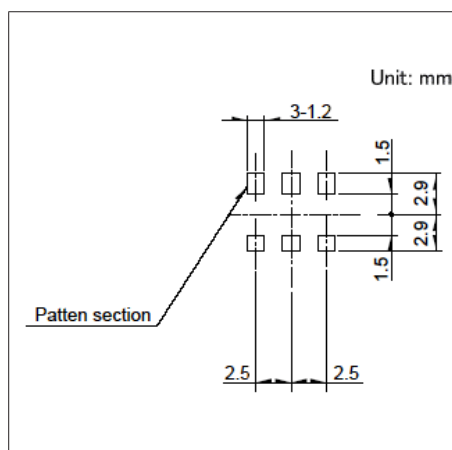
Viewed from direction A in the dimensions.

Drawing No.5

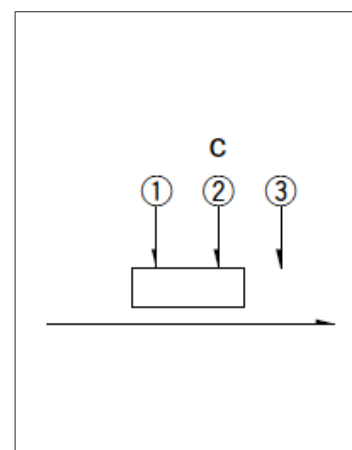
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

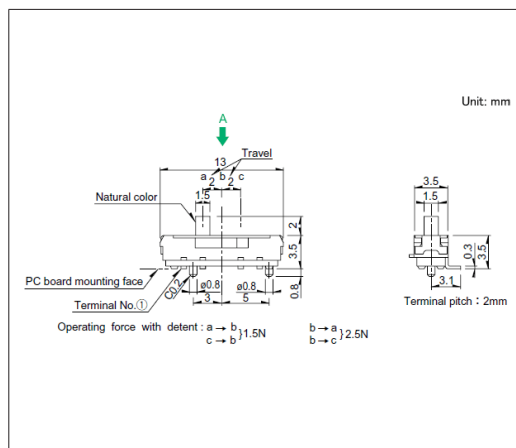
Switches

Slide Switches

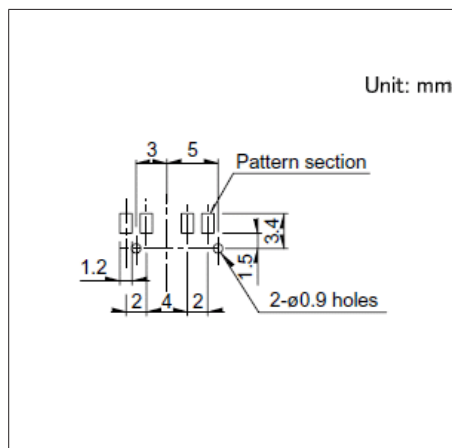
3.5 (H) mm, 2.0mm-travel
SSSS2 Series

Drawing No.6

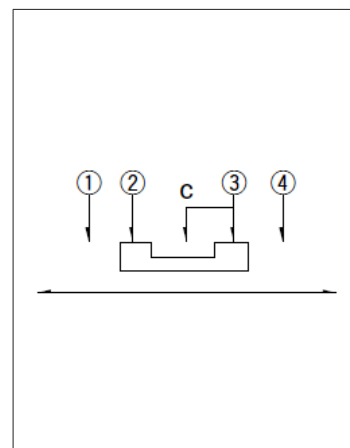
■ Dimensions



■ Land Dimensions



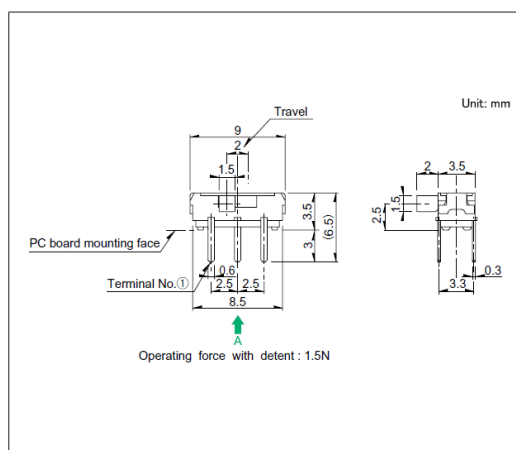
■ Circuit Diagram



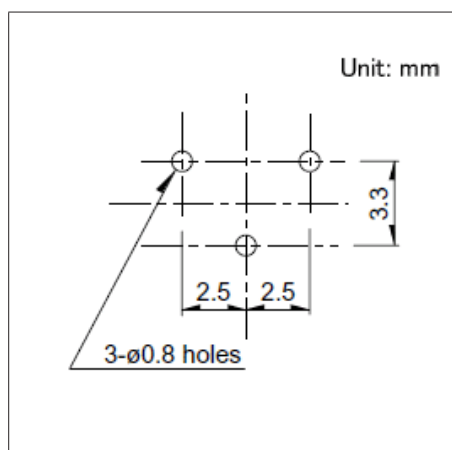
Viewed from direction A in the dimensions.

Drawing No.7

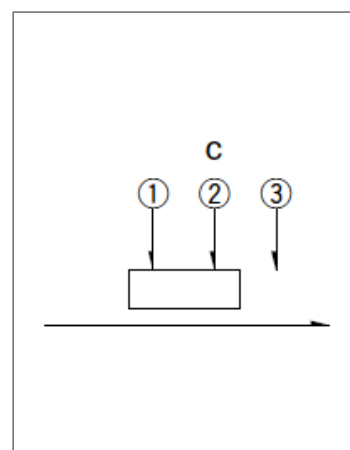
■ Dimensions



■ Mounting Hole Dimensions



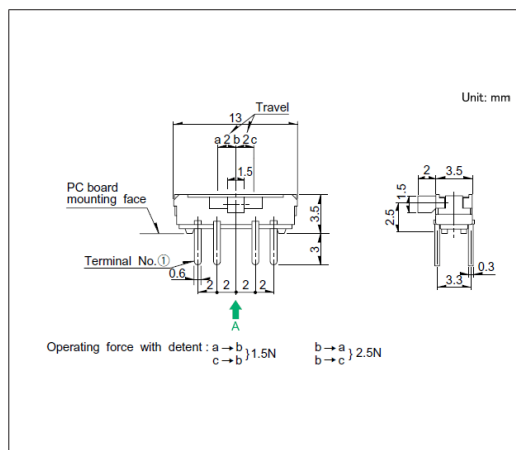
■ Circuit Diagram



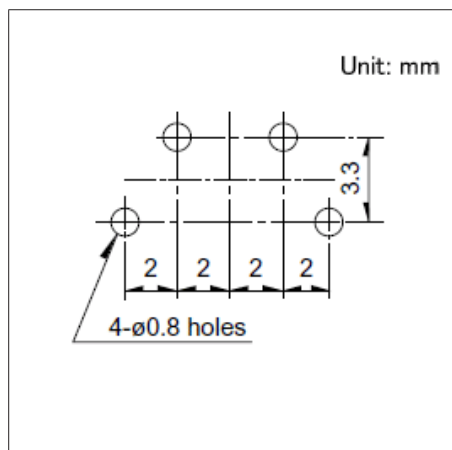
Viewed from direction A in the dimensions.

Drawing No.8

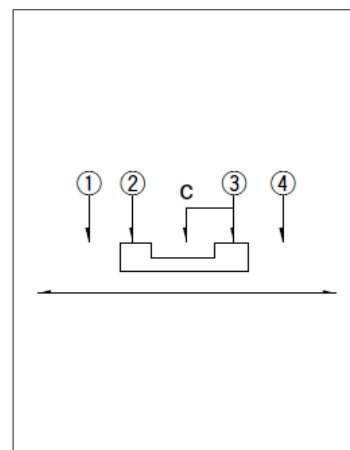
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

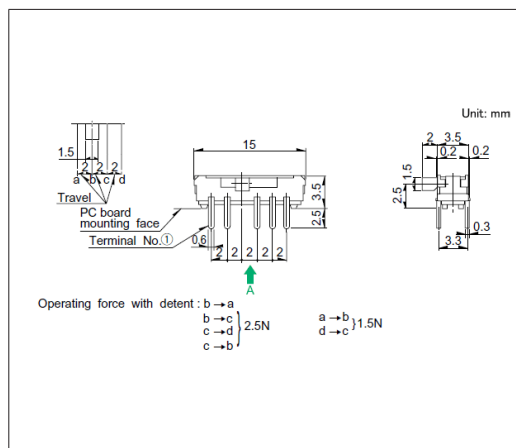
Switches

Slide Switches

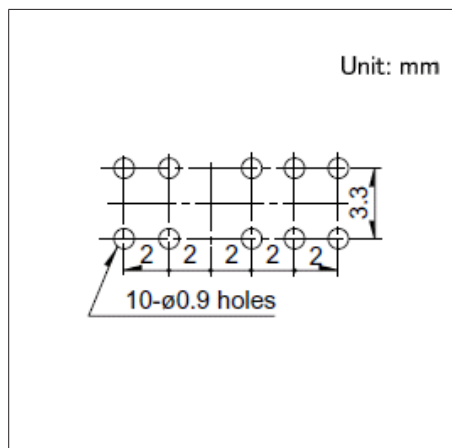
3.5 (H) mm, 2.0mm-travel
SSSS2 Series

Drawing No.9

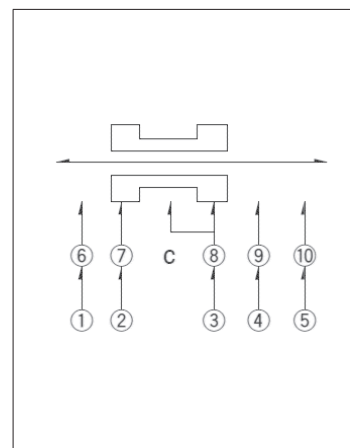
■ Dimensions



■ Mounting Hole Dimensions



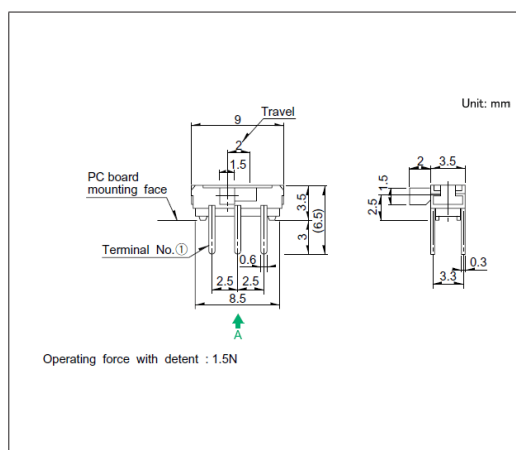
■ Circuit Diagram



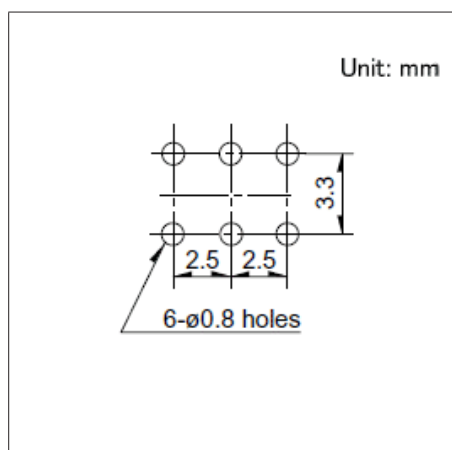
Viewed from direction A in the dimensions.

Drawing No.10

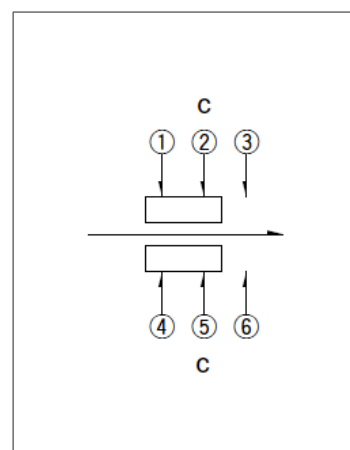
■ Dimensions



■ Mounting Hole Dimensions



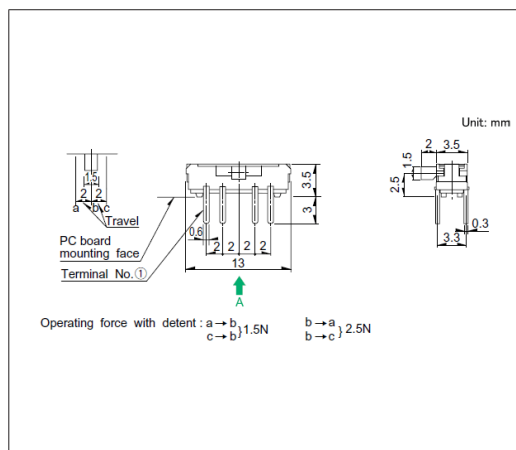
■ Circuit Diagram



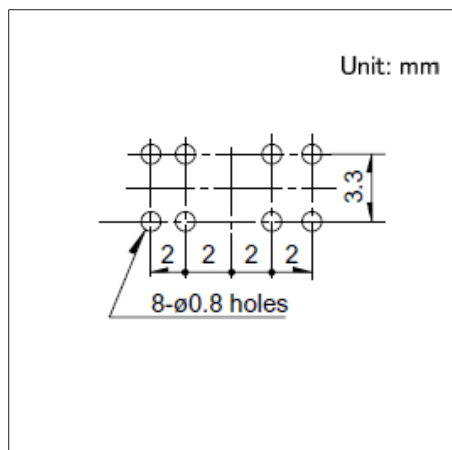
Viewed from direction A in the dimensions.

Drawing No.11

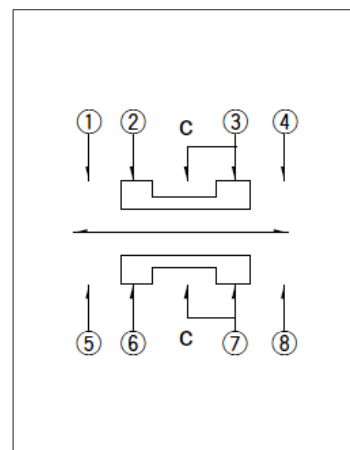
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

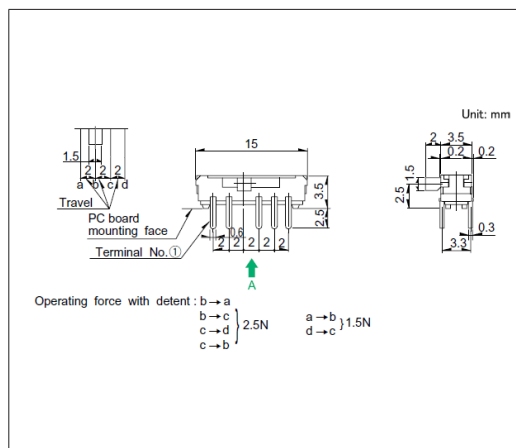
Switches

Slide Switches

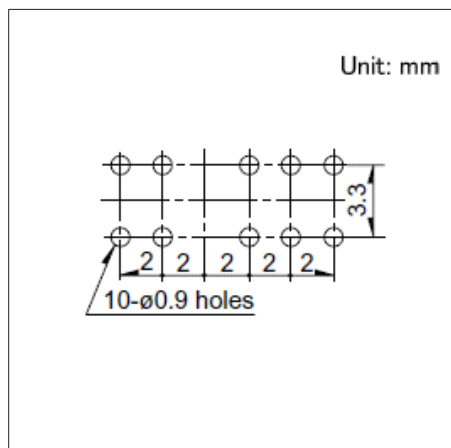
3.5 (H) mm, 2.0mm-travel
SSSS2 Series

Drawing No.12

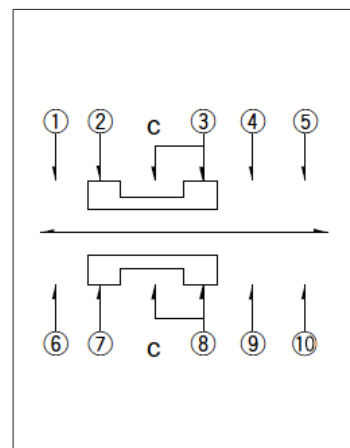
■ Dimensions



■ Mounting Hole Dimensions



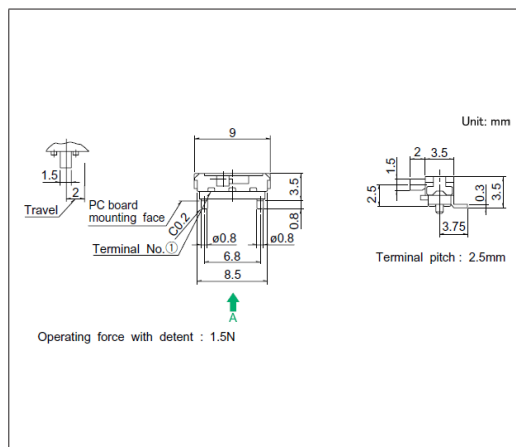
■ Circuit Diagram



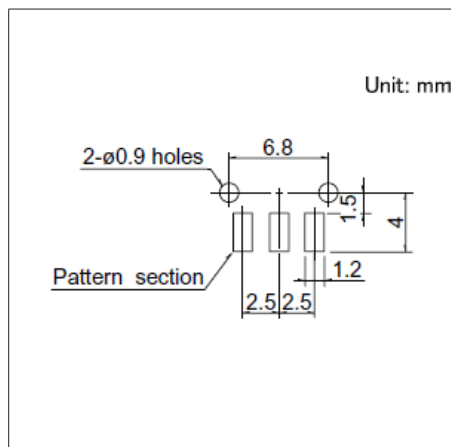
Viewed from direction A in the dimensions.

Drawing No.13

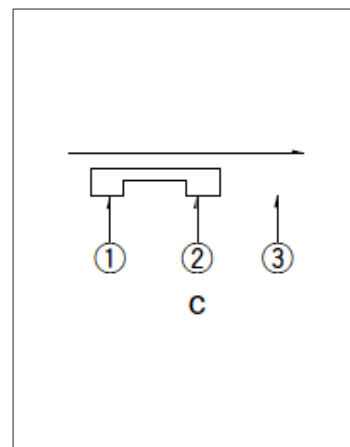
■ Dimensions



■ Land Dimensions



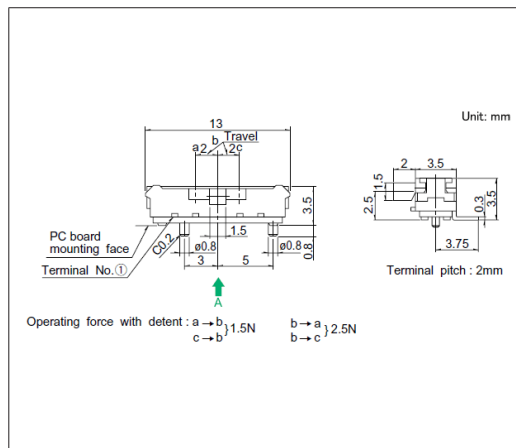
■ Circuit Diagram



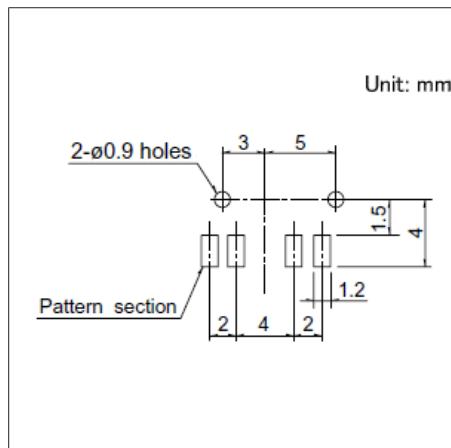
Viewed from direction A in the dimensions.

Drawing No.14

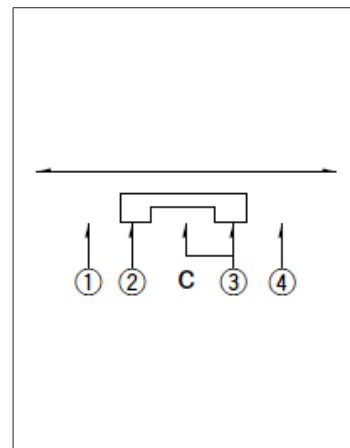
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



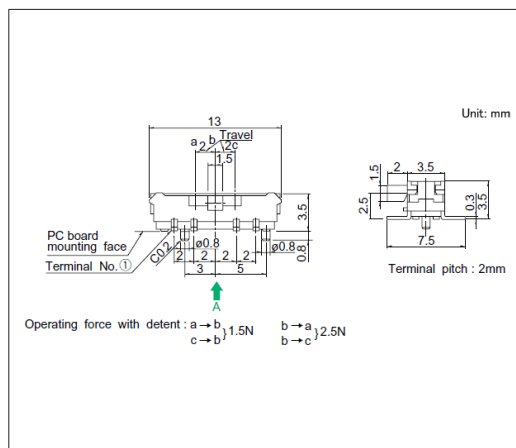
Viewed from direction A in the dimensions.

3.5 (H) mm, 2.0mm-travel

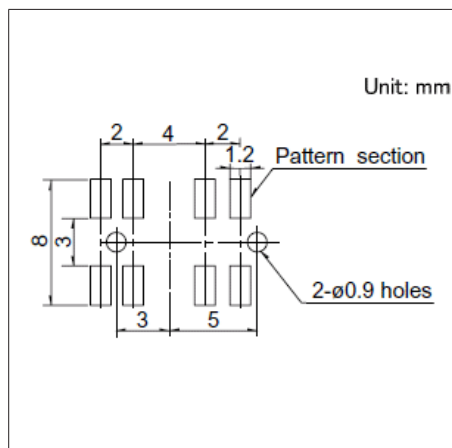
SSSS2 Series

Drawing No.15

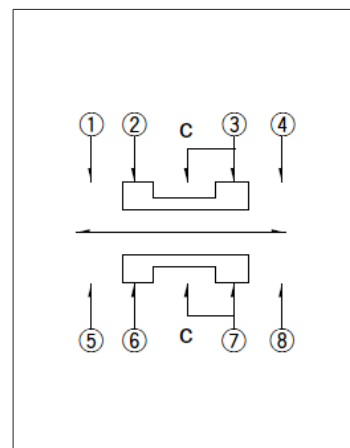
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

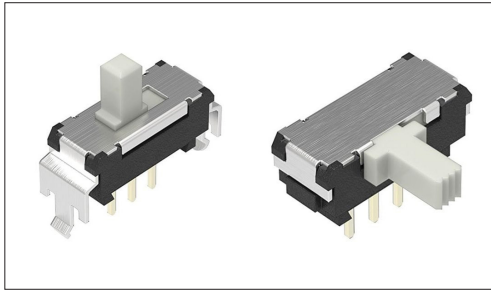
Switches

Slide Switches

5.0 (H) mm, 2.0mm-travel

SSSS9 Series

Medium-sized general-purpose type well known for ease of use.



- Rating (max.)/(min.) (Resistive load): 0.1 A 12 V DC / 1 mA 5 V DC
- Contact resistance (Initial performance/After lifetime):
30 mΩ max. / 80 mΩ max.
- Operating life without load: 10,000 cycles 60 mΩ max.
- Operating life with load (at max. rated load): 10,000 cycles 80 mΩ max.

Applications: Home: Major home appliances

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSS912000	Vertical	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.5	—	1
SSSS910400	Vertical	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.5	—	2
SSSS919500	Vertical	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.5	—	3
SSSS918500	Vertical	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.5	—	4
SSSS922000	Vertical	2.0	2	2	3±1.5N	Non shorting	Manual, Dip	11.5×7.2×5.5	—	5
SSSS921800	Vertical	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.5	—	6
SSSS912500	Vertical	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.5	—	7
SSSS910800	Vertical	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.5	—	8
SSSS919800	Vertical	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.5	—	9
SSSS918700	Vertical	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.5	—	10
SSSS922500	Vertical	2.0	2	2	3±1.5N	Non shorting	Manual, Dip	11.5×7.2×5.5	—	11
SSSS923200	Vertical	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.5	—	12
SSSS920600	Vertical	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.5	—	13
SSSS916900	Horizontal	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.0	—	14
SSSS915001	Horizontal	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.0	—	15
SSSS91B900	Horizontal	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.0	—	16
SSSS926400	Horizontal	2.0	2	2	3±1.5N	Non shorting	Manual, Dip	11.5×7.2×5.0	—	17
SSSS928500	Horizontal	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.0	—	18
SSSS916400	Horizontal	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.0	—	19
SSSS914503	Horizontal	2.0	1	2	3±1.5N	Non shorting	Manual, Dip	11.5×4.7×5.0	—	20
SSSS91B600	Horizontal	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.0	—	21
SSSS91A601	Horizontal	2.0	1	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×4.7×5.0	—	22
SSSS925800	Horizontal	2.0	2	2	3±1.5N	Non shorting	Manual, Dip	11.5×7.2×5.0	—	23
SSSS923802	Horizontal	2.0	2	2	3±1.5N	Non shorting	Manual, Dip	11.5×7.2×5.0	—	24
SSSS928200	Horizontal	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.0	—	25
SSSS925701	Horizontal	2.0	2	3	a, c → b 2±1N b → a, c 3±1.5N	Not specified	Manual, Dip	14.0×7.2×5.0	—	26

Switches

Slide Switches

5.0 (H) mm, 2.0mm-travel

SSSS9 Series

⚠ Note

1. This 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).

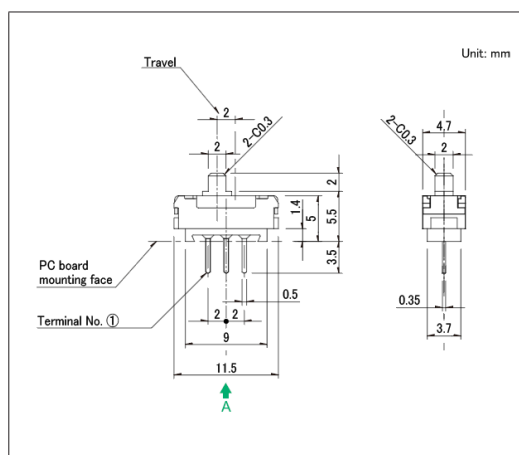
■ Packing Specifications

Bulk

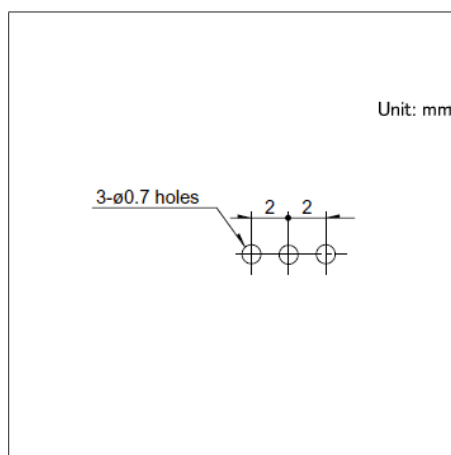
Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
SSSS912000 SSSS910400 SSSS919500 SSSS918500 SSSS922000 SSSS912500 SSSS910800 SSSS919800 SSSS918700 SSSS922500 SSSS916900 SSSS915001 SSSS91B900 SSSS926400 SSSS916400 SSSS914503 SSSS91B600 SSSS91A601 SSSS925800 SSSS923802	1,000	5,000	400 x 270 x 290
SSSS921800 SSSS923200 SSSS920600 SSSS928500 SSSS928200 SSSS925701	800	4,000	400 x 270 x 290

Drawing No.1

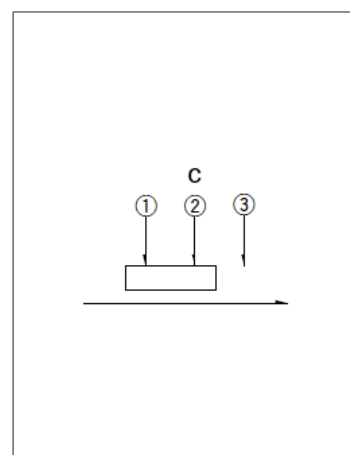
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

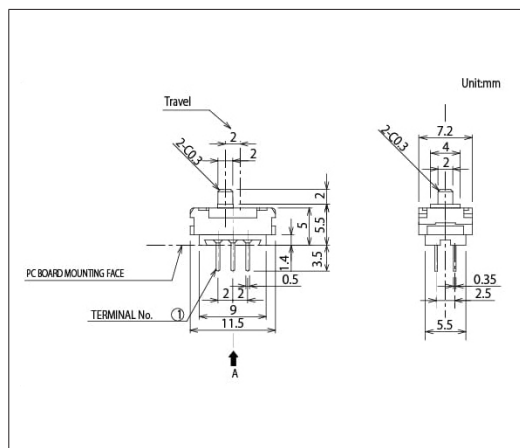
Slide Switches

5.0 (H) mm, 2.0mm-travel

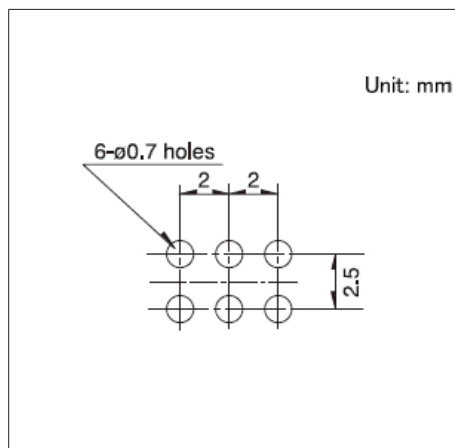
SSSS9 Series

Drawing No.5

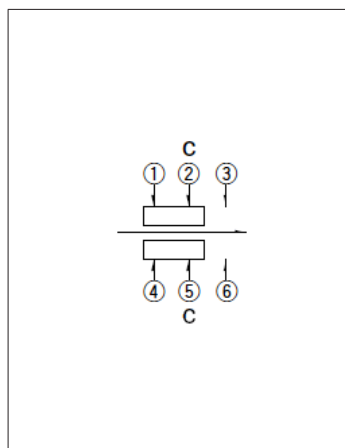
■ Dimensions



■ Mounting Hole Dimensions



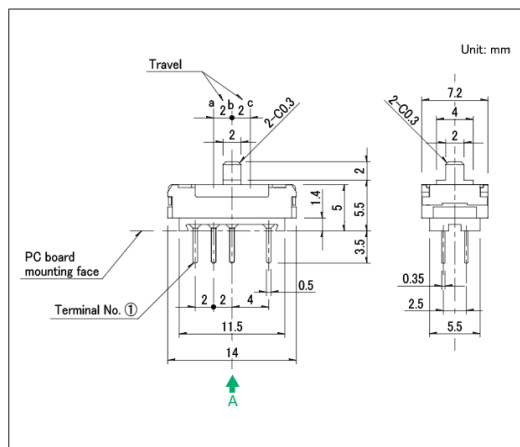
■ Circuit Diagram



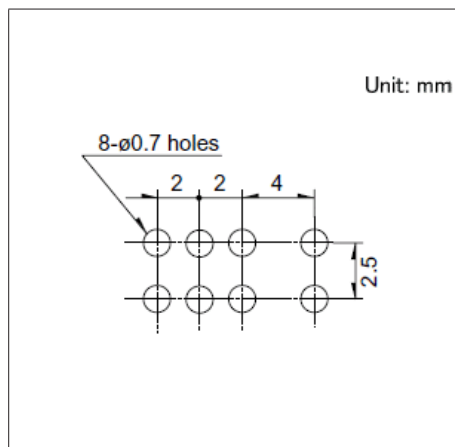
Viewed from direction A in the dimensions.

Drawing No.6

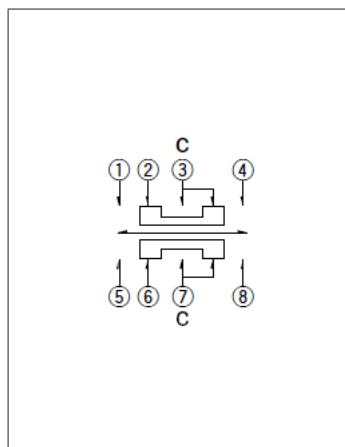
■ Dimensions



■ Mounting Hole Dimensions



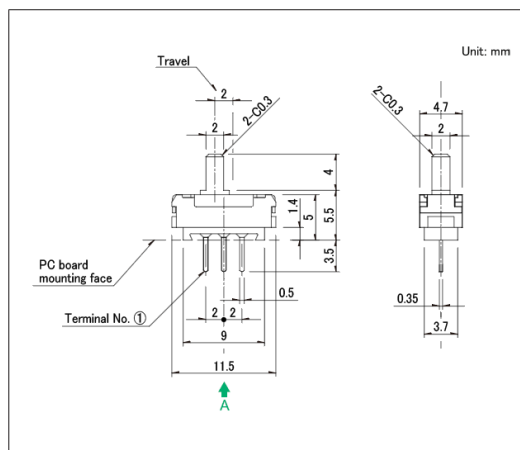
■ Circuit Diagram



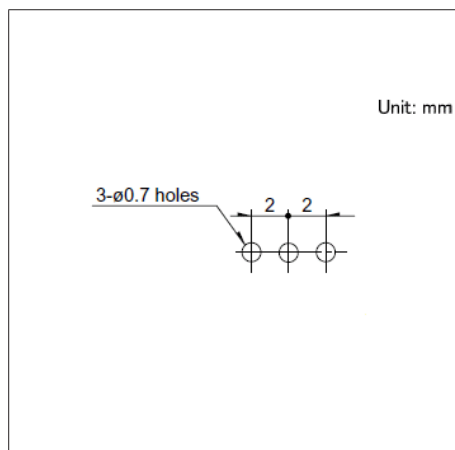
Viewed from direction A in the dimensions.

Drawing No.7

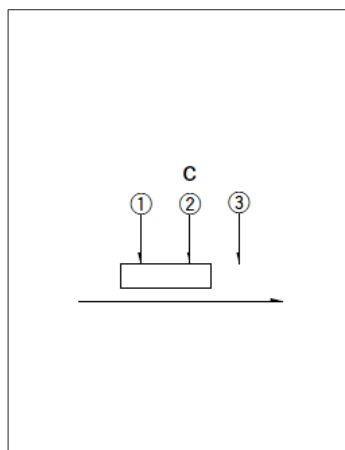
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

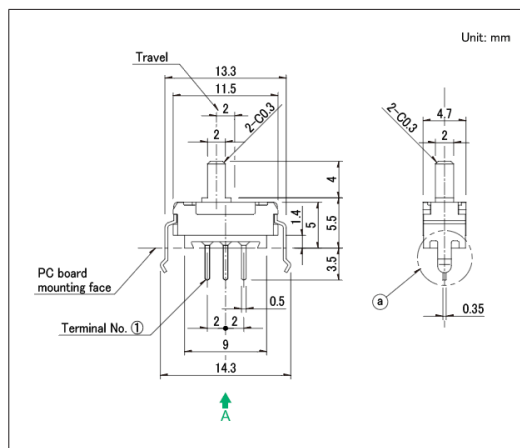
Slide Switches

5.0 (H) mm, 2.0mm-travel

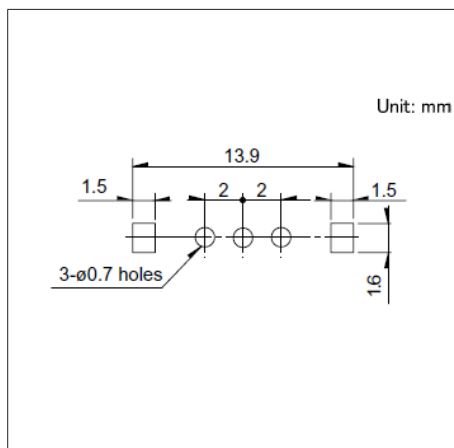
SSSS9 Series

Drawing No.8

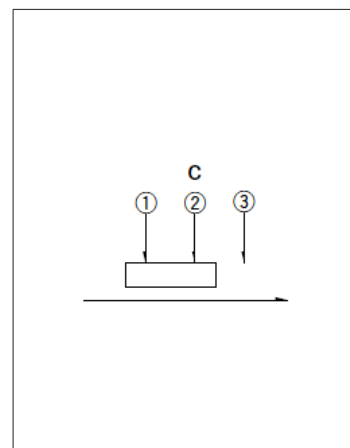
■ Dimensions



■ Mounting Hole Dimensions



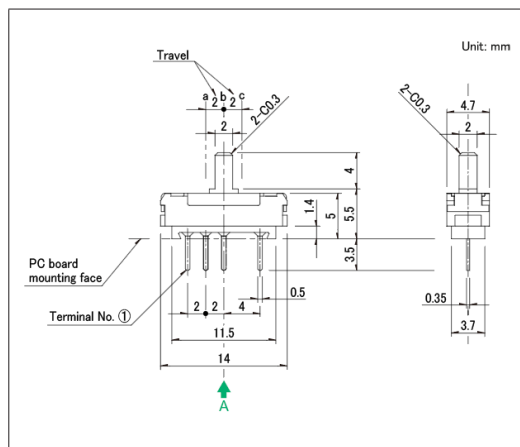
■ Circuit Diagram



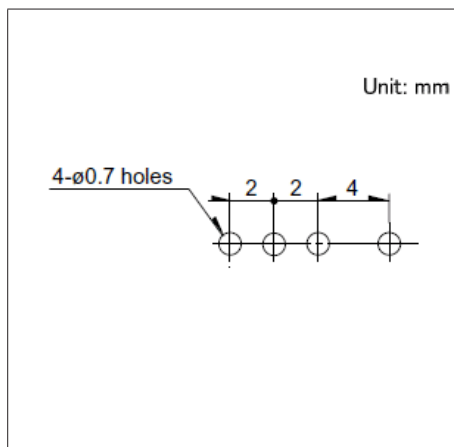
Viewed from direction A in the dimensions.

Drawing No.9

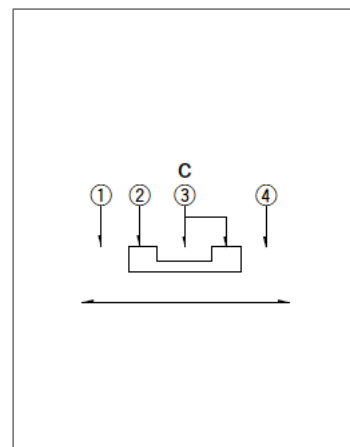
■ Dimensions



■ Mounting Hole Dimensions



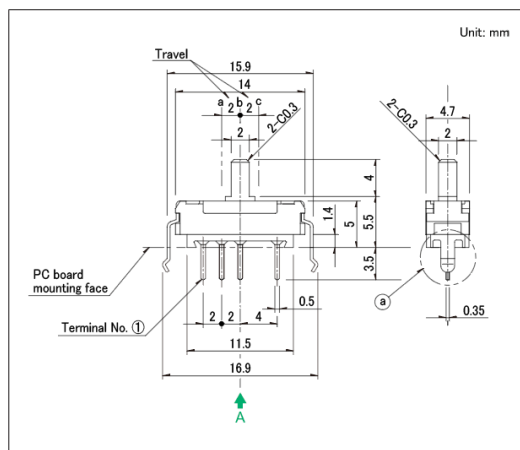
■ Circuit Diagram



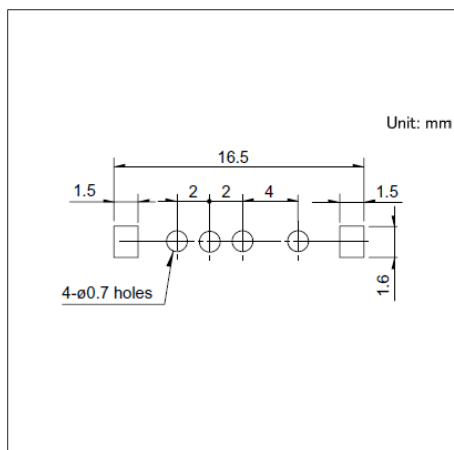
Viewed from direction A in the dimensions.

Drawing No.10

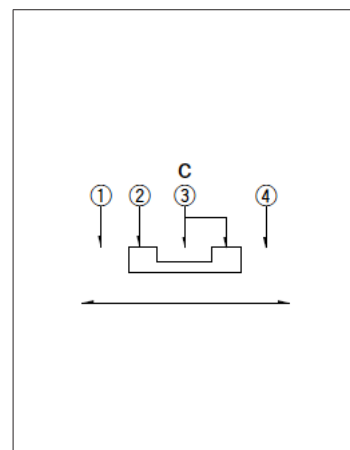
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

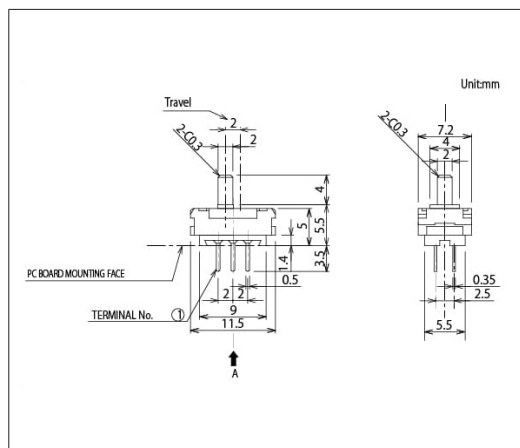
Slide Switches

5.0 (H) mm, 2.0mm-travel

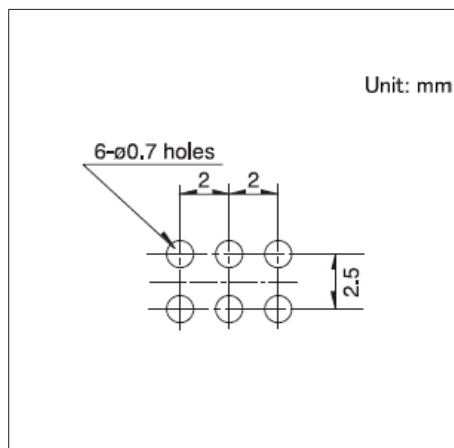
SSSS9 Series

Drawing No.11

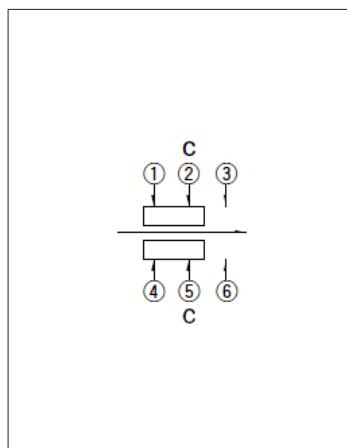
■ Dimensions



■ Mounting Hole Dimensions



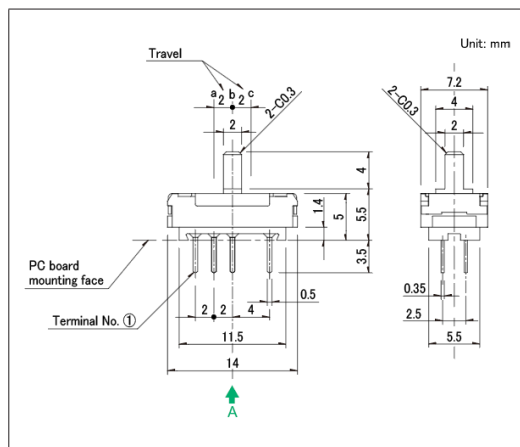
■ Circuit Diagram



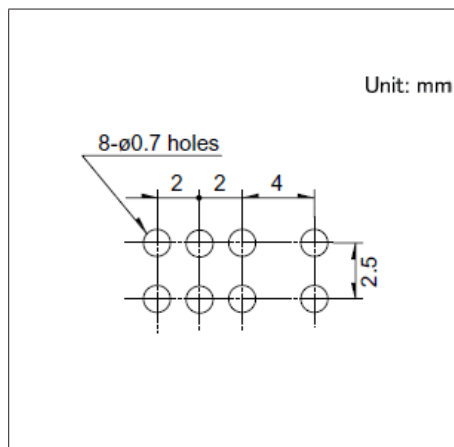
Viewed from direction A in the dimensions.

Drawing No.12

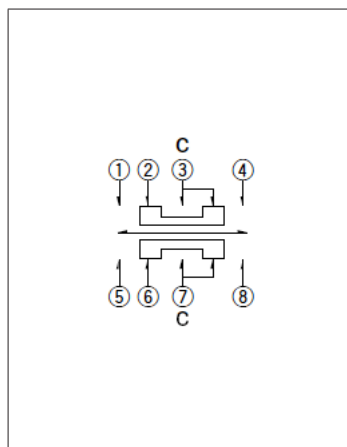
■ Dimensions



■ Mounting Hole Dimensions



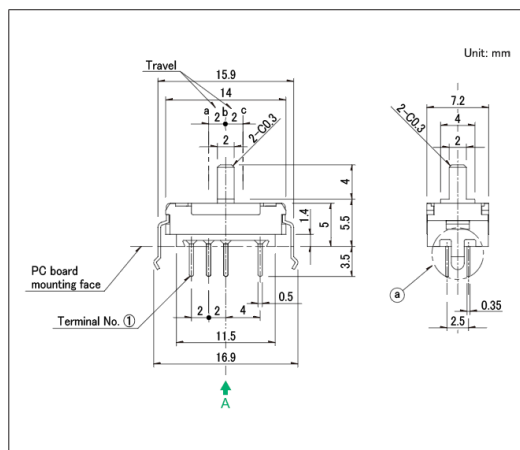
■ Circuit Diagram



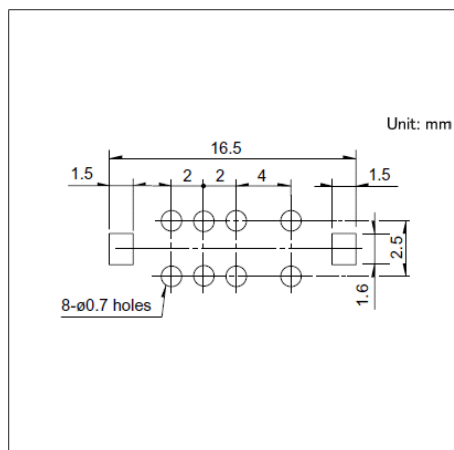
Viewed from direction A in the dimensions.

Drawing No.13

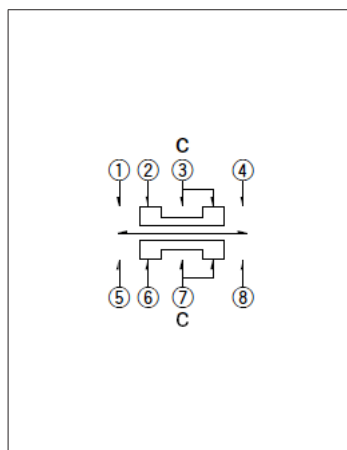
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

Switches

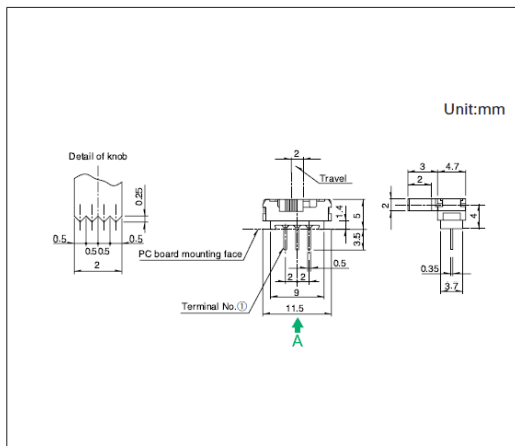
Slide Switches

5.0 (H) mm, 2.0mm-travel

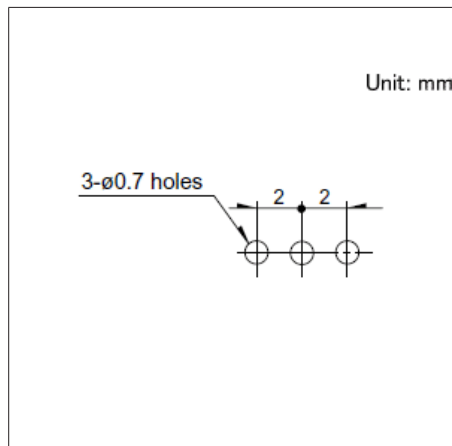
SSSS9 Series

Drawing No.14

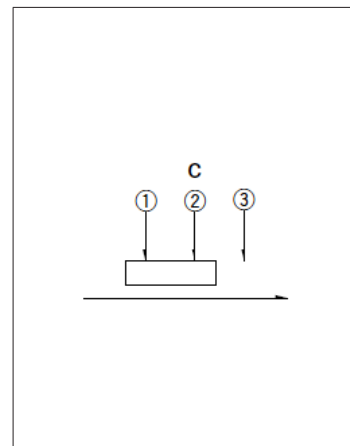
■ Dimensions



■ Mounting Hole Dimensions



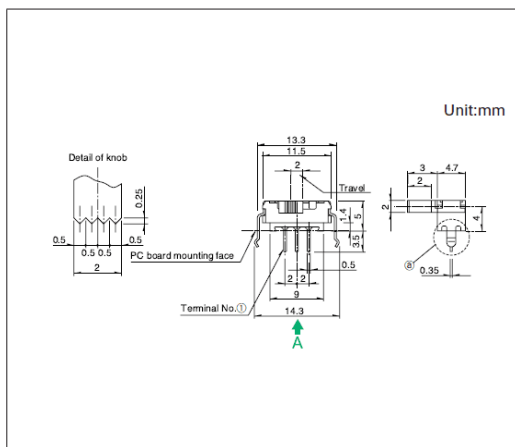
■ Circuit Diagram



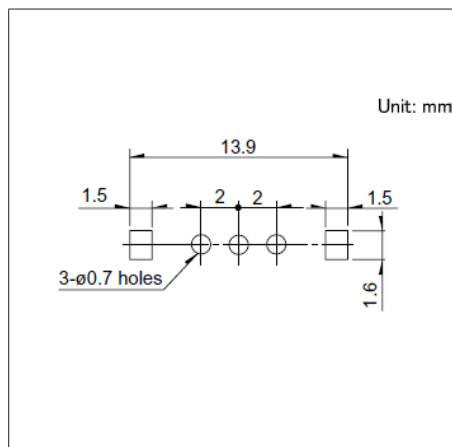
Viewed from direction A in the dimensions.

Drawing No.15

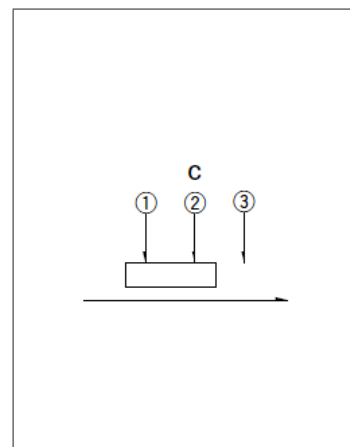
■ Dimensions



■ Mounting Hole Dimensions



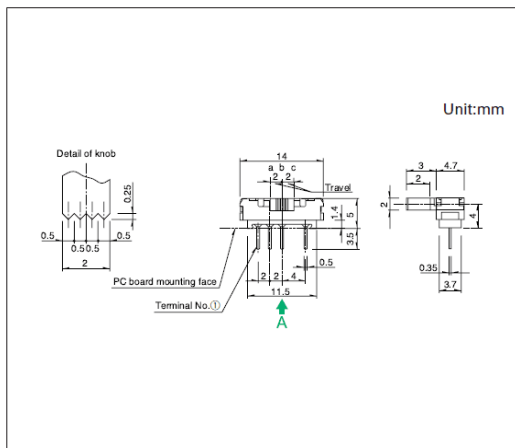
■ Circuit Diagram



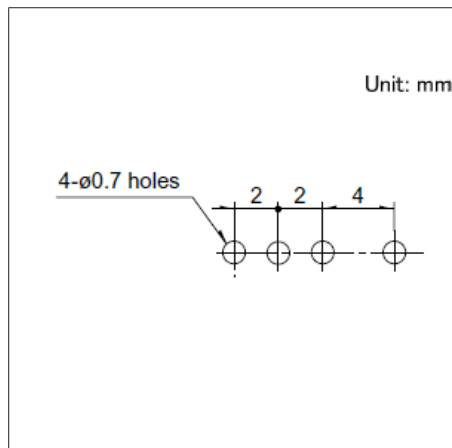
Viewed from direction A in the dimensions.

Drawing No.16

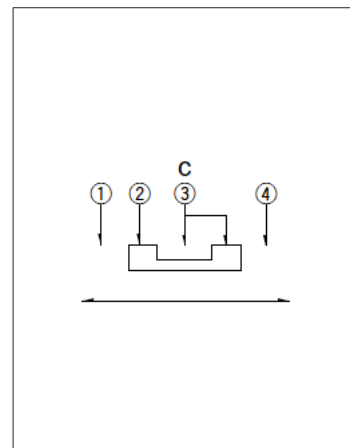
■ Dimensions



■ Mounting Hole Dimensions



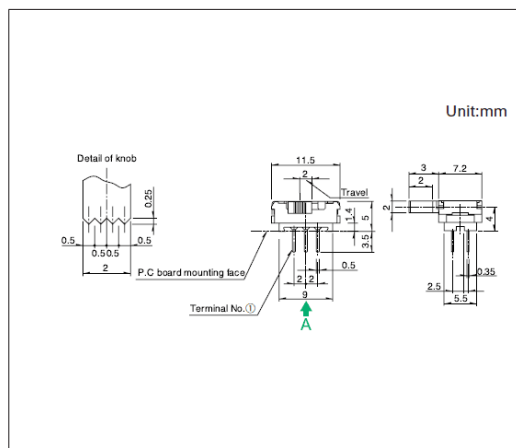
■ Circuit Diagram



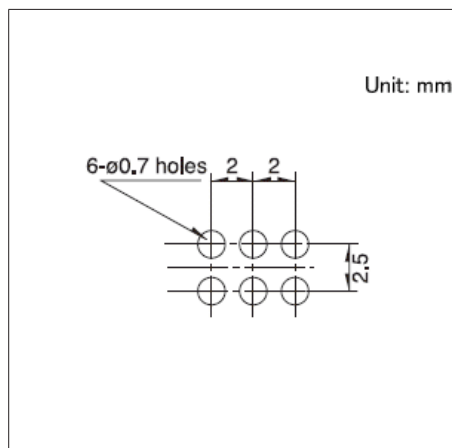
Viewed from direction A in the dimensions.

Drawing No.17

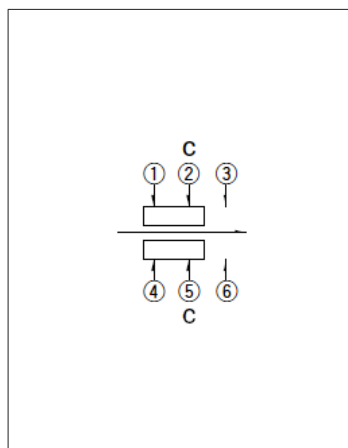
■ Dimensions



■ Mounting Hole Dimensions



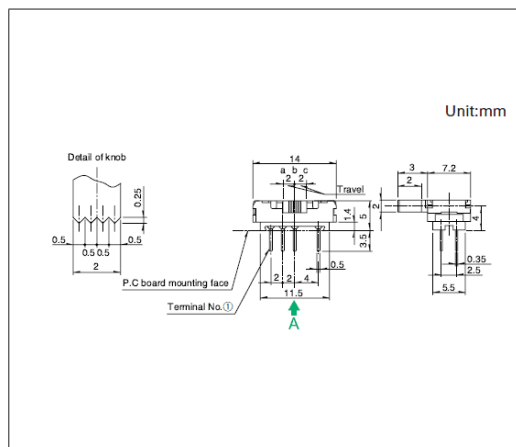
■ Circuit Diagram



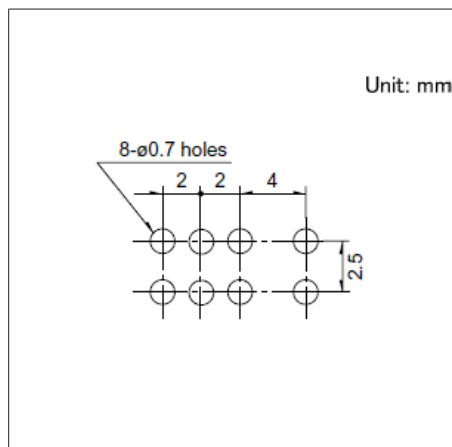
Viewed from direction A in the dimensions.

Drawing No.18

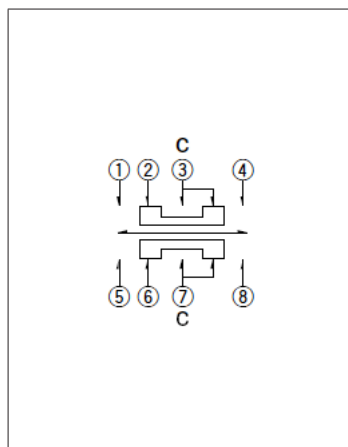
■ Dimensions



■ Mounting Hole Dimensions



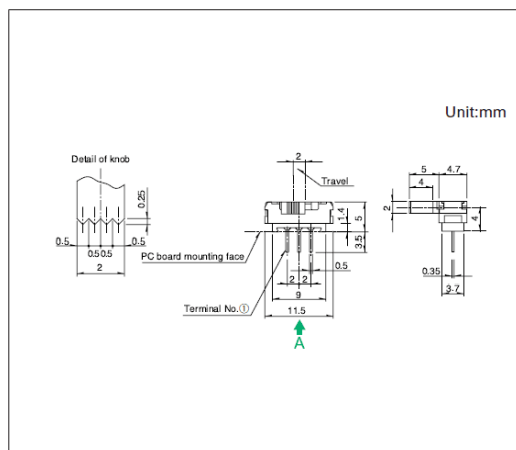
■ Circuit Diagram



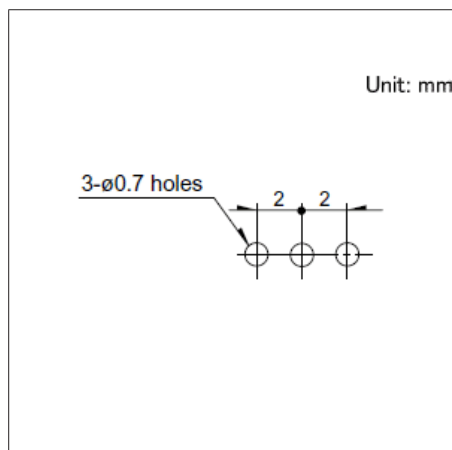
Viewed from direction A in the dimensions.

Drawing No.19

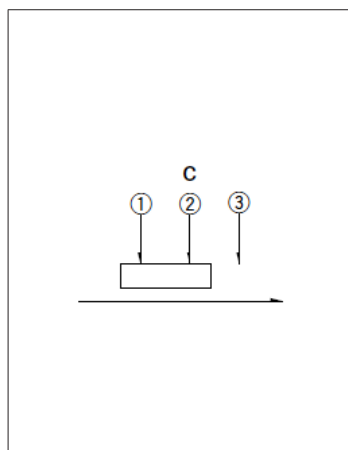
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

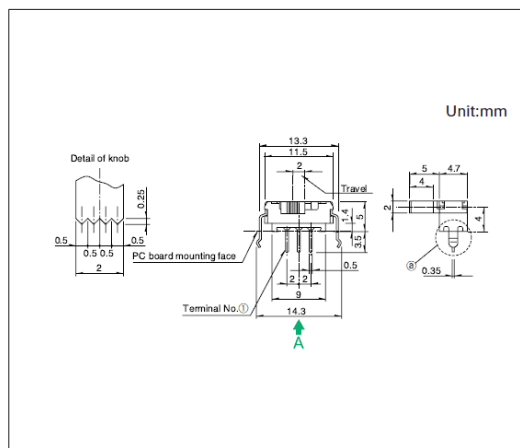
Switches

Slide Switches

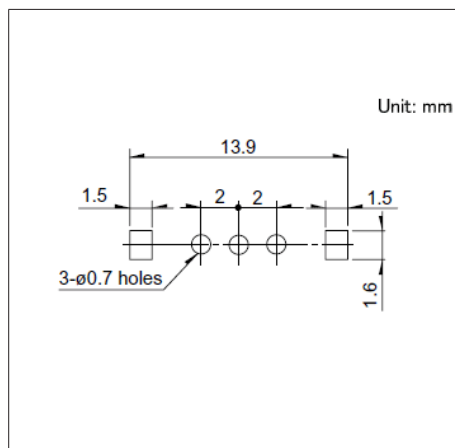
5.0 (H) mm, 2.0mm-travel

SSSS9 Series**Drawing No.20**

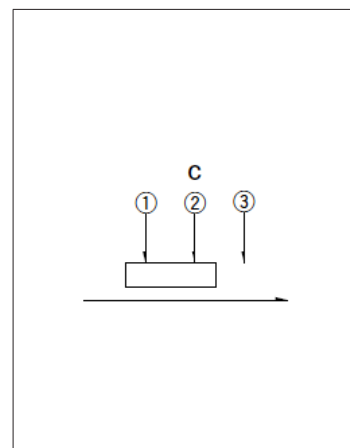
■ Dimensions



■ Mounting Hole Dimensions



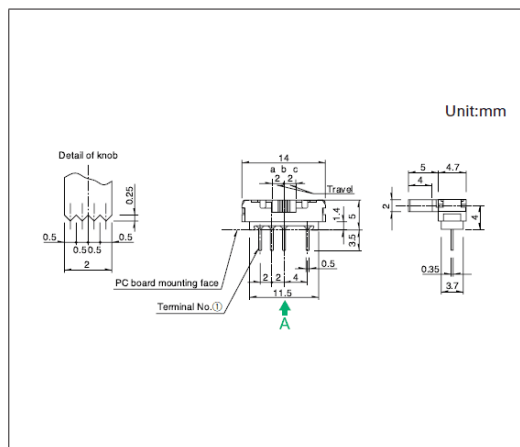
■ Circuit Diagram



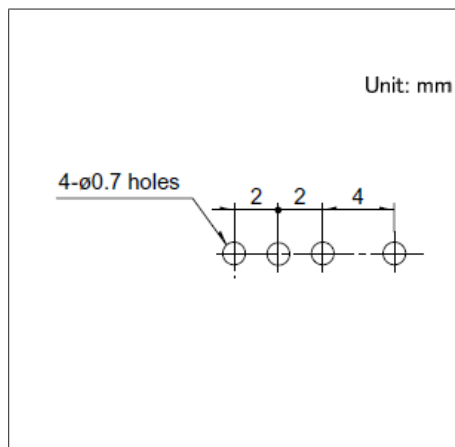
Viewed from direction A in the dimensions.

Drawing No.21

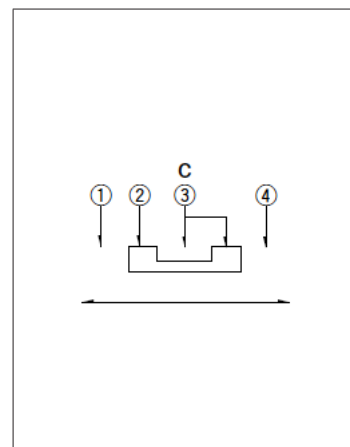
■ Dimensions



■ Mounting Hole Dimensions



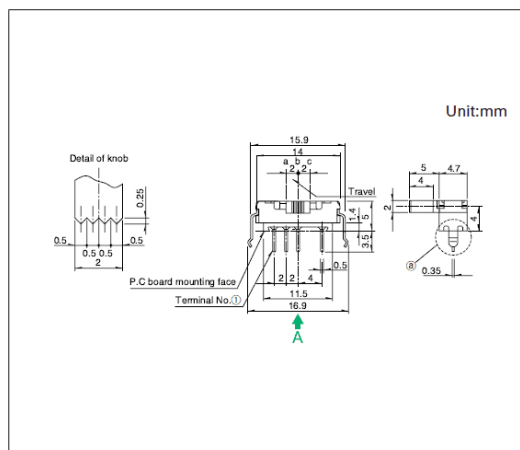
■ Circuit Diagram



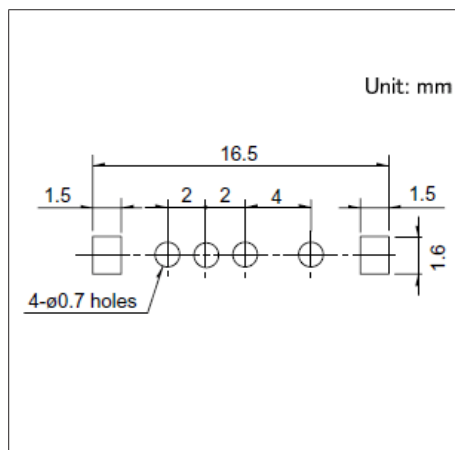
Viewed from direction A in the dimensions.

Drawing No.22

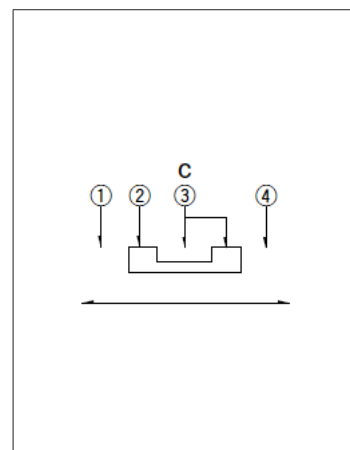
■ Dimensions



■ Mounting Hole Dimensions



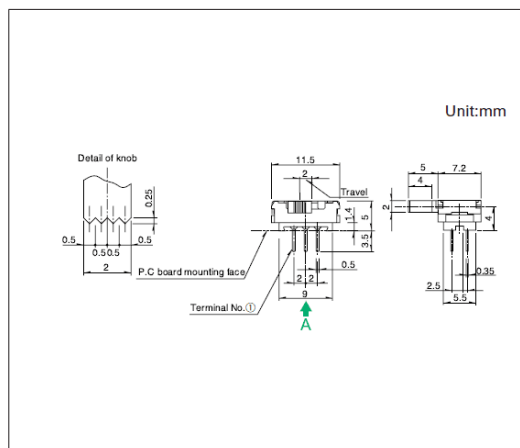
■ Circuit Diagram



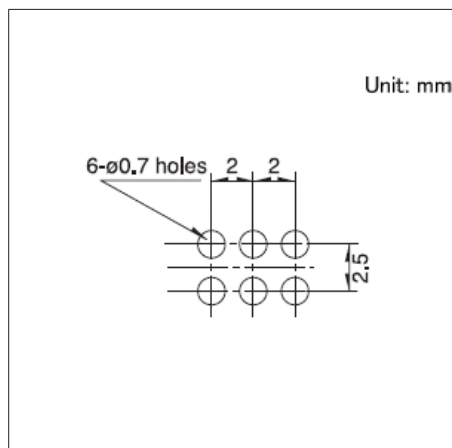
Viewed from direction A in the dimensions.

5.0 (H) mm, 2.0mm-travel
SSSS9 Series
Drawing No.23

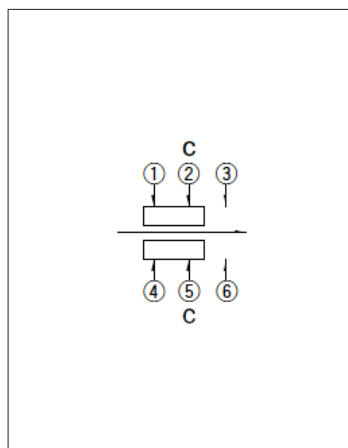
■ Dimensions



■ Mounting Hole Dimensions



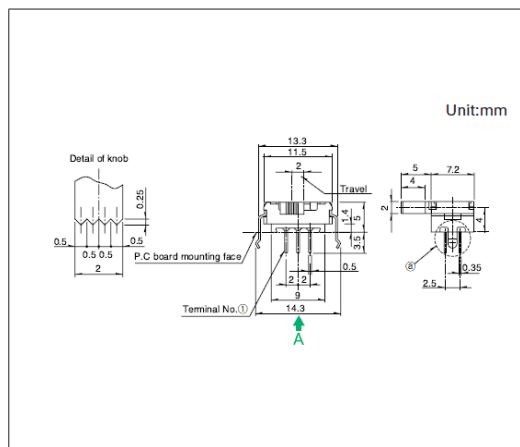
■ Circuit Diagram



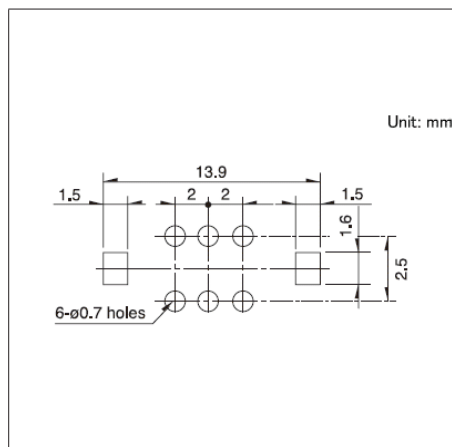
Viewed from direction A in the dimensions.

Drawing No.24

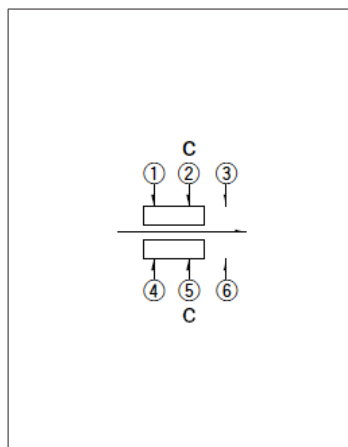
■ Dimensions



■ Mounting Hole Dimensions



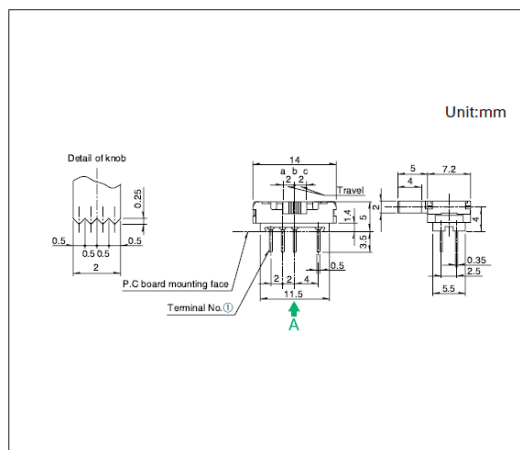
■ Circuit Diagram



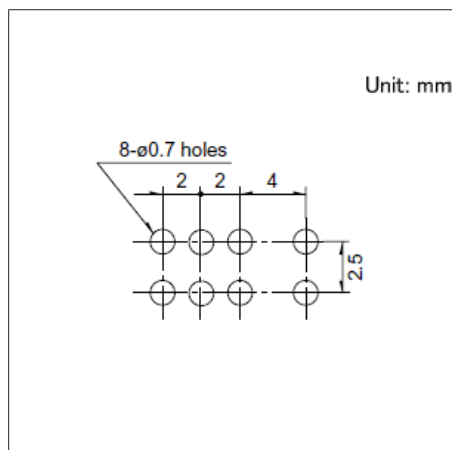
Viewed from direction A in the dimensions.

Drawing No.25

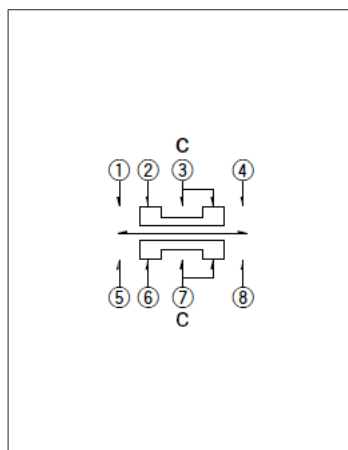
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

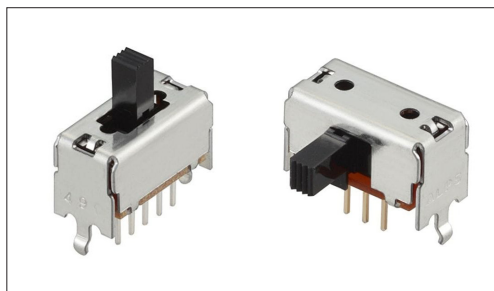
Switches

Slide Switches

8.5 (H) mm, 2.0mm-travel

SSSF Series

Large general-purpose type with a proven track record across diverse industries.



- Rating (max.)/(min.) (Resistive load): 0.1 A 30V DC/50μA 3V DC
- Contact resistance (Initial performance/After lifetime):
25mΩ max./65mΩ max.
- Operating life without load: 10,000 cycles 45mΩ max.
- Operating life with load (at max. rated load): 10,000 cycles 65mΩ max.

Applications: Audio_TV: Audio

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSF011700	Vertical	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	1
SSSF012100	Vertical	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	2
SSSF014800	Vertical	2.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	3
SSSF021500	Vertical	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	4
SSSF021900	Vertical	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	5
SSSF024800	Vertical	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	6
SSSF025100	Vertical	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	7
SSSF040800	Vertical	2.0	4	2	Refer to the dimensions.	Non shorting	Manual, Dip	16.5×7.0×8.5	—	8
SSSF111800	Horizontal	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	9
SSSF112500	Horizontal	2.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	10
SSSF114900	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	11
SSSF115300	Horizontal	2.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	12
SSSF121900	Horizontal	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	13
SSSF122400	Horizontal	2.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	14
SSSF125300	Horizontal	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	15
SSSF125800	Horizontal	2.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	14.5×7.0×8.5	—	16
SSSF141000	Horizontal	2.0	4	2	Refer to the dimensions.	Non shorting	Manual, Dip	16.5×7.0×8.5	—	17
SSSF141300	Horizontal	2.0	4	2	Refer to the dimensions.	Non shorting	Manual, Dip	16.5×7.0×8.5	—	18

⚠ Note

1. This 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).

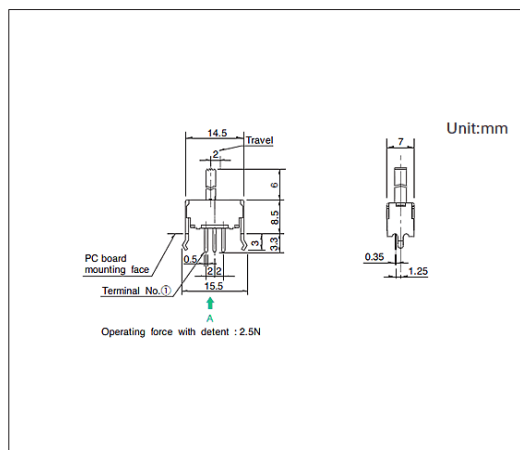
■ Packing Specifications

Bulk

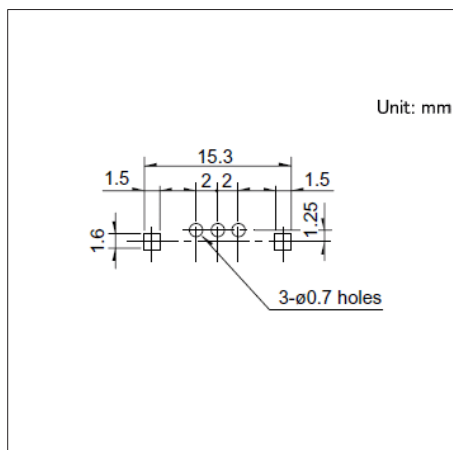
Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
SSSF011700 SSSF012100 SSSF014800 SSSF021500 SSSF021900 SSSF024800 SSSF025100 SSSF040800 SSSF112500 SSSF115300 SSSF122400 SSSF125800 SSSF141000 SSSF141300	800	4,000	400 x 270 x 290
SSSF111800 SSSF114900 SSSF121900 SSSF125300	600	3,000	400 x 270 x 290

Drawing No. 1

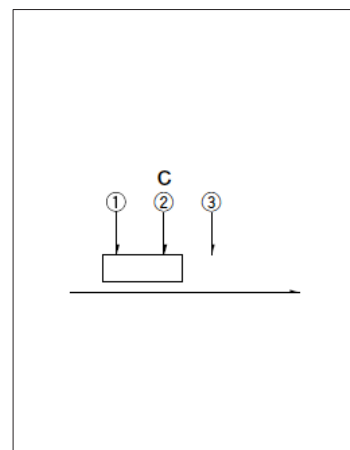
■ Dimensions



■ Mounting Hole Dimensions



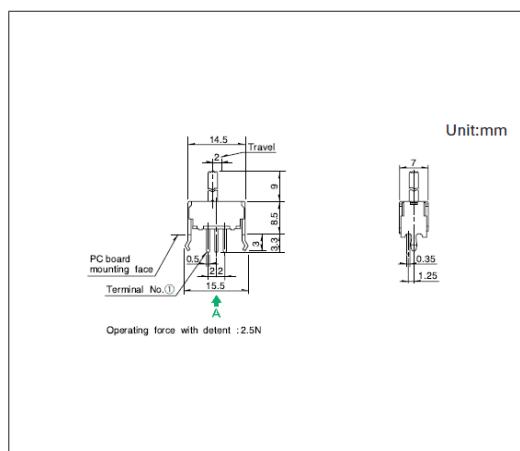
■ Circuit Diagram



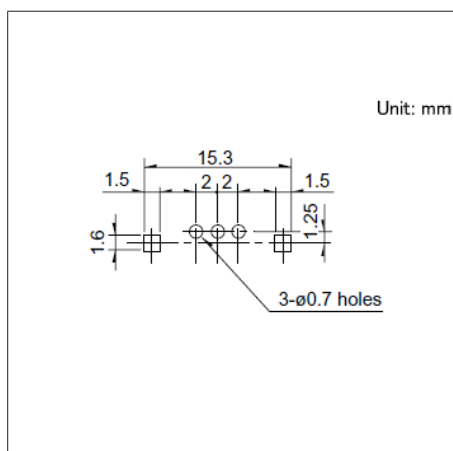
Viewed from direction A in the dimensions.

Drawing No.2

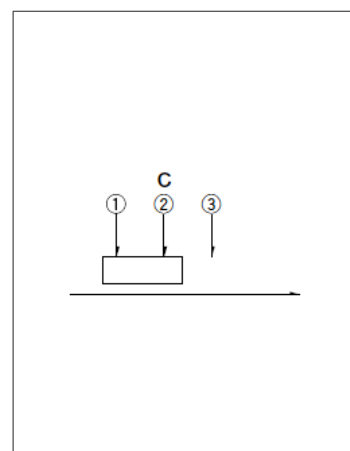
■ Dimensions



■ Mounting Hole Dimensions



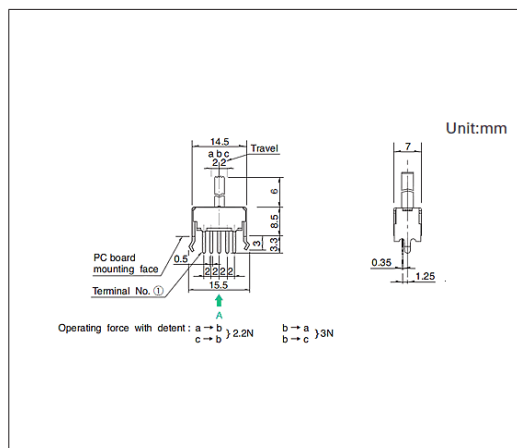
■ Circuit Diagram



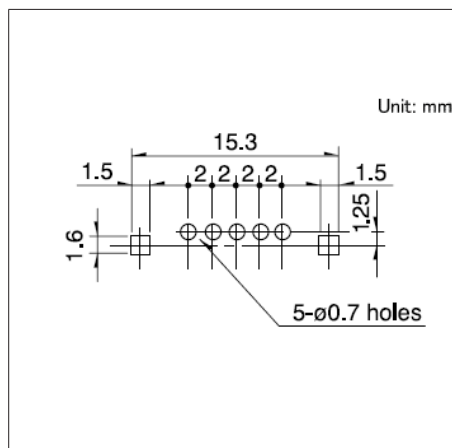
Viewed from direction A in the dimensions.

8.5 (H) mm, 2.0mm-travel
SSSF Series
Drawing No.3

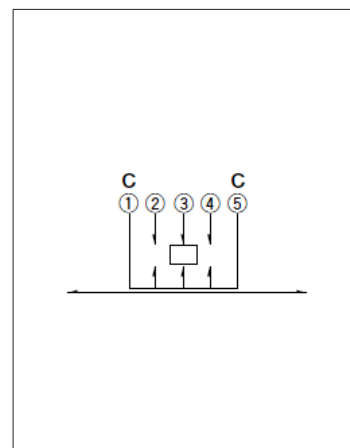
■ Dimensions



■ Mounting Hole Dimensions



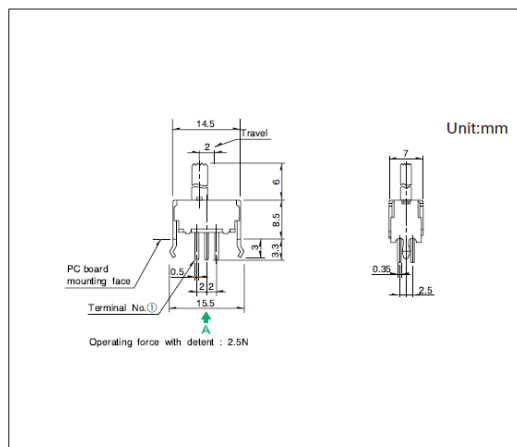
■ Circuit Diagram



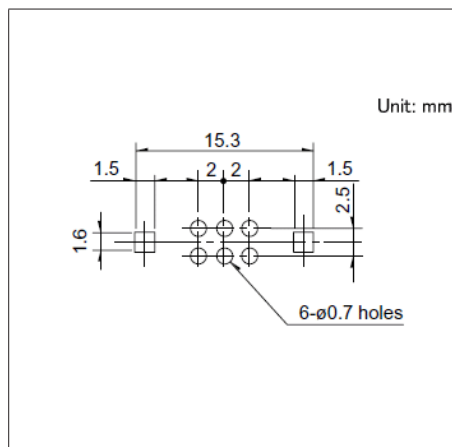
Viewed from direction A in the dimensions.

Drawing No.4

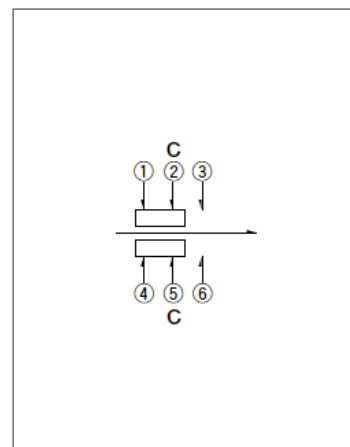
■ Dimensions



■ Mounting Hole Dimensions



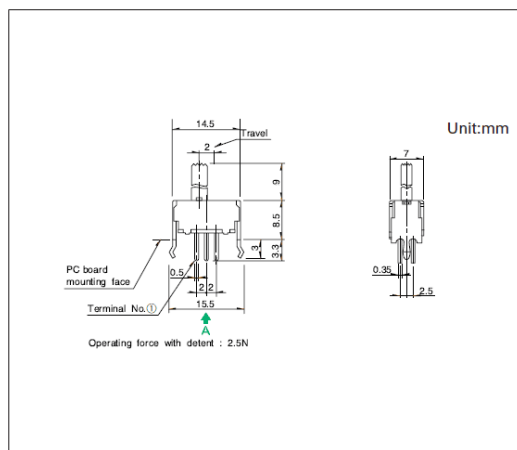
■ Circuit Diagram



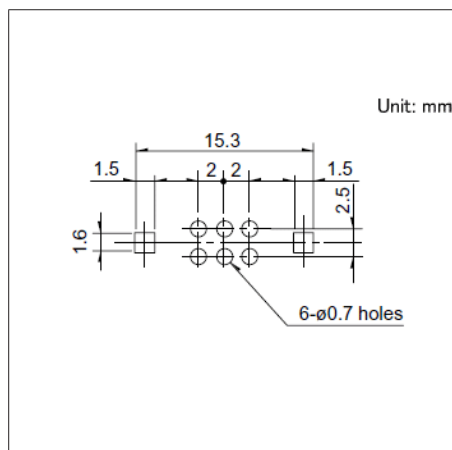
Viewed from direction A in the dimensions.

Drawing No.5

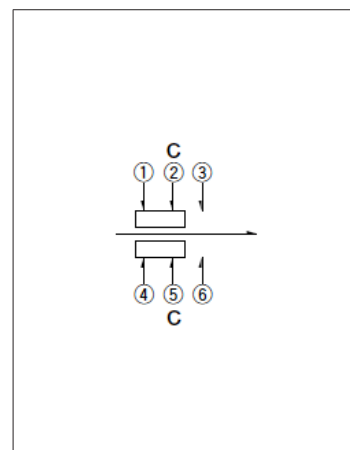
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram

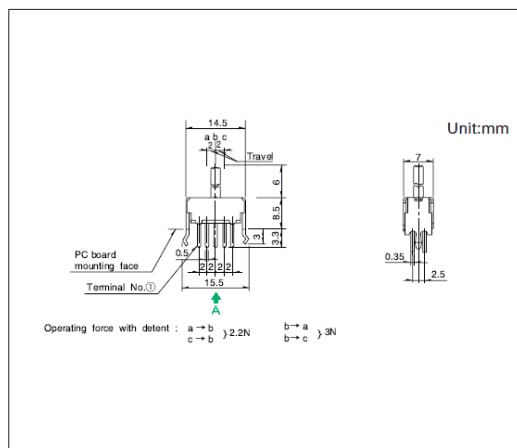


Viewed from direction A in the dimensions.

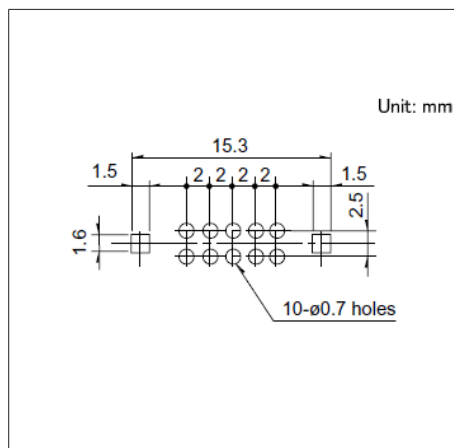
8.5 (H) mm, 2.0mm-travel SSSF Series

Drawing No.6

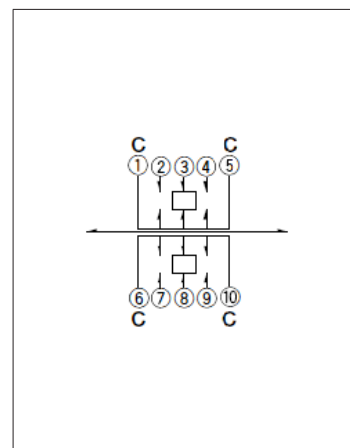
■ Dimensions



■ Mounting Hole Dimensions



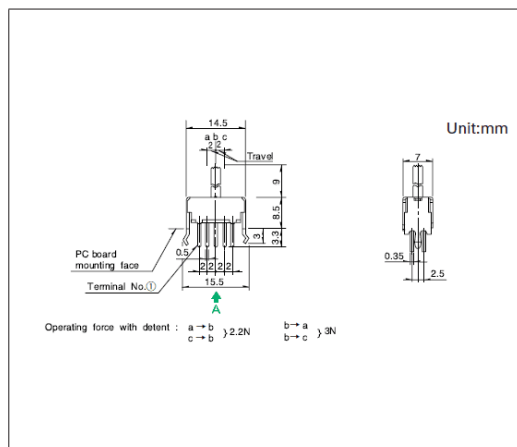
■ Circuit Diagram



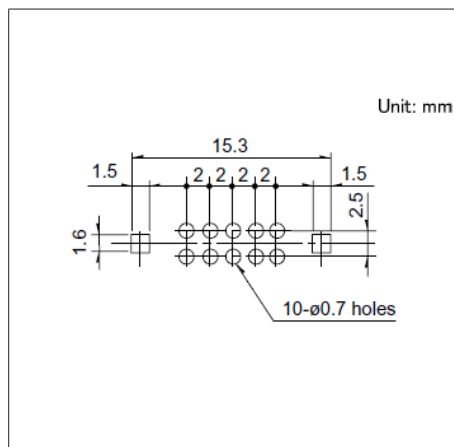
Viewed from direction A in the dimensions.

Drawing No.7

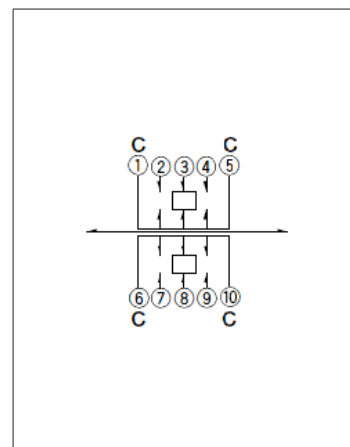
■ Dimensions



■ Mounting Hole Dimensions



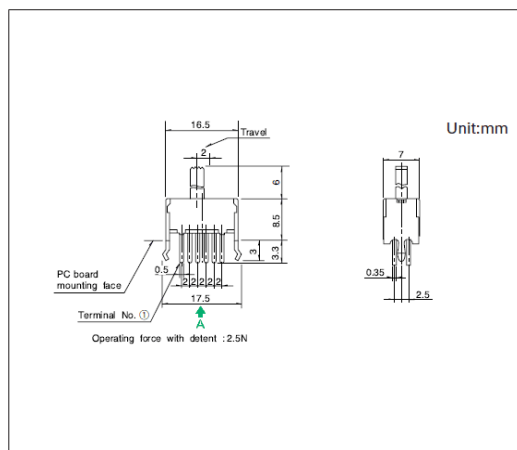
■ Circuit Diagram



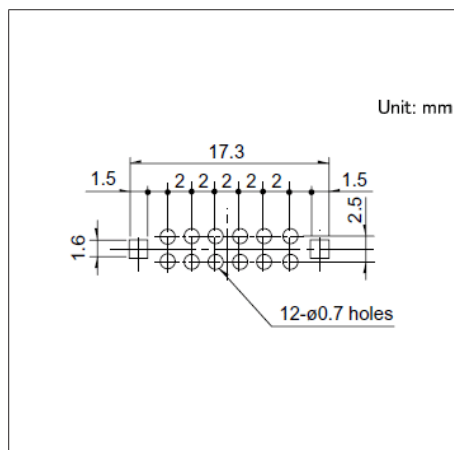
Viewed from direction A in the dimensions.

Drawing No.8

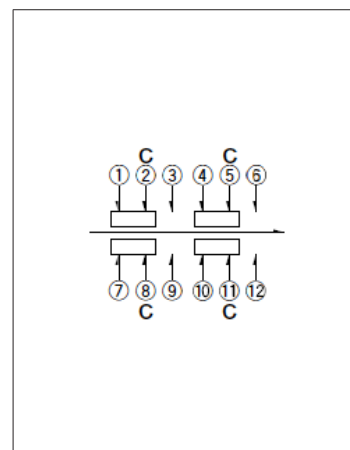
■ Dimensions



■ Mounting Hole Dimensions



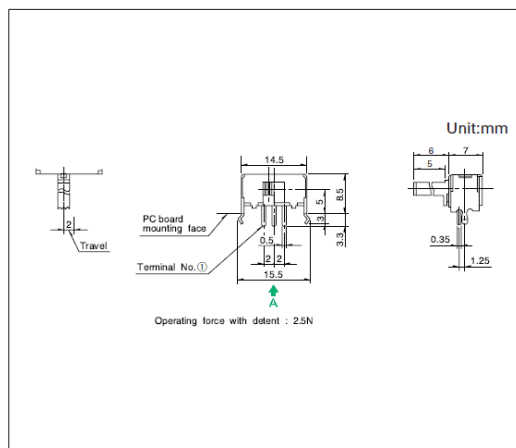
■ Circuit Diagram



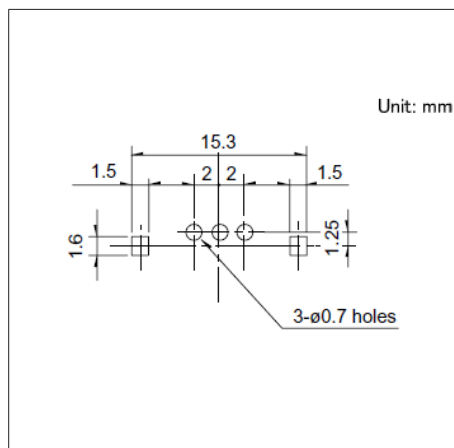
Viewed from direction A in the dimensions.

8.5 (H) mm, 2.0mm-travel
SSSF Series
Drawing No.9

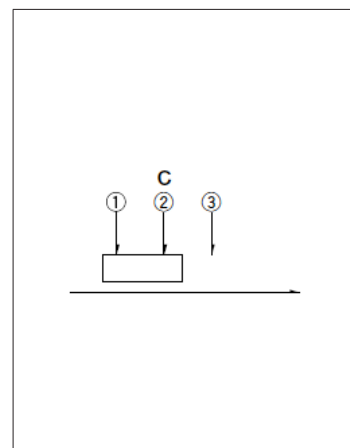
■ Dimensions



■ Mounting Hole Dimensions



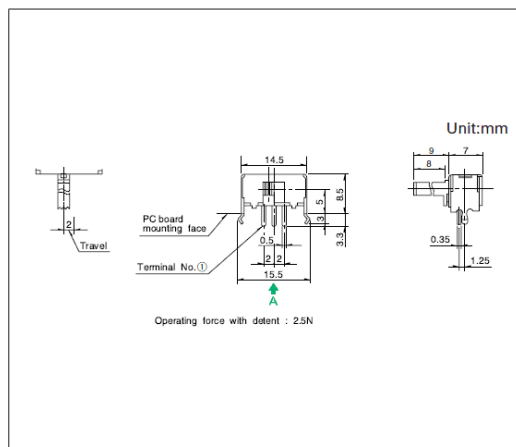
■ Circuit Diagram



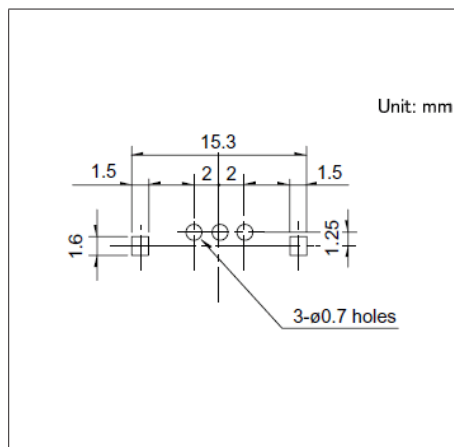
Viewed from direction A in the dimensions.

Drawing No.10

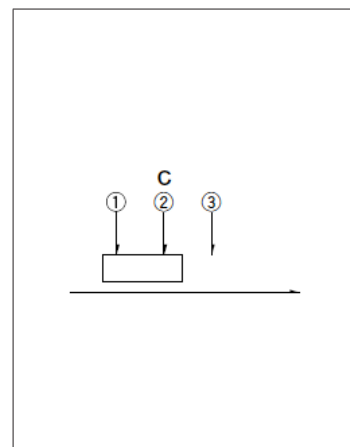
■ Dimensions



■ Mounting Hole Dimensions



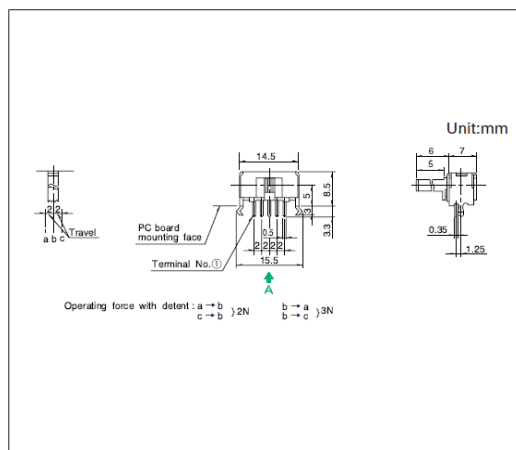
■ Circuit Diagram



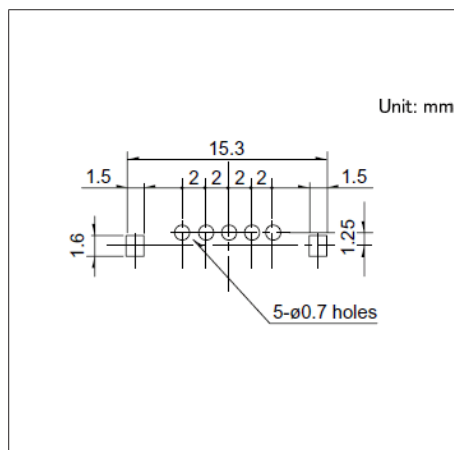
Viewed from direction A in the dimensions.

Drawing No.11

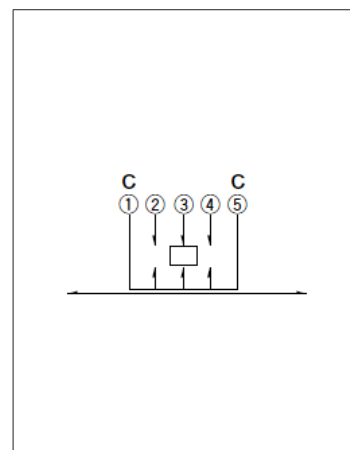
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

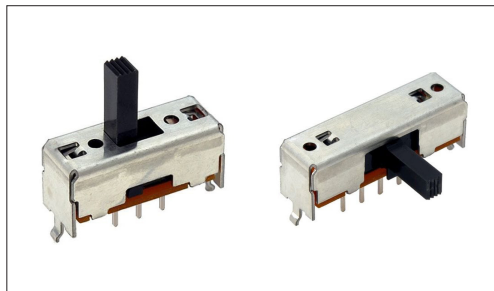
Switches

Slide Switches

8.5 (H) mm, 3.0mm-travel

SSSU Series

Large general-purpose type with a wide variety of knob options.



- Rating (max.)/(min.) (Resistive load): 0.1 A 30V DC/50μA 3V DC
- Contact resistance (Initial performance/After lifetime):
25mΩ max./65mΩ max.
- Operating life without load: 10,000 cycles 45mΩ max.
- Operating life with load (at max. rated load): 10,000 cycles 65mΩ max.

Applications: Audio_TV: Audio

■ Product List

Products No.	Actuator directions	Travel (mm)	Poles	Positions	Operating force	Changeover timing	Soldering	Dimensions (W×D×H) (mm)	Automotive	Drawing No.
SSSU011700	Vertical	3.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	1
SSSU012200	Vertical	3.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	2
SSSU014800	Vertical	3.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	3
SSSU015100	Vertical	3.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	4
SSSU022400	Vertical	3.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	5
SSSU022800	Vertical	3.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	6
SSSU025800	Vertical	3.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	7
SSSU026300	Vertical	3.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	8
SSSU041700	Vertical	3.0	4	2	Refer to the dimensions.	Non shorting	Manual, Dip	21.5×7.0×8.5	—	9
SSSU042100	Vertical	3.0	4	2	Refer to the dimensions.	Non shorting	Manual, Dip	21.5×7.0×8.5	—	10
SSSU111400	Horizontal	3.0	1	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	11
SSSU113200	Horizontal	3.0	1	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	12
SSSU121700	Horizontal	3.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	13
SSSU122200	Horizontal	3.0	2	2	Refer to the dimensions.	Non shorting	Manual, Dip	18.5×7.0×8.5	—	14
SSSU124900	Horizontal	3.0	2	3	Refer to the dimensions.	Non shorting	Manual, Dip	24.5×7.0×8.5	—	15

⚠ Note

1. This 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).

Switches

Slide Switches

8.5 (H) mm, 3.0mm-travel

SSSU Series

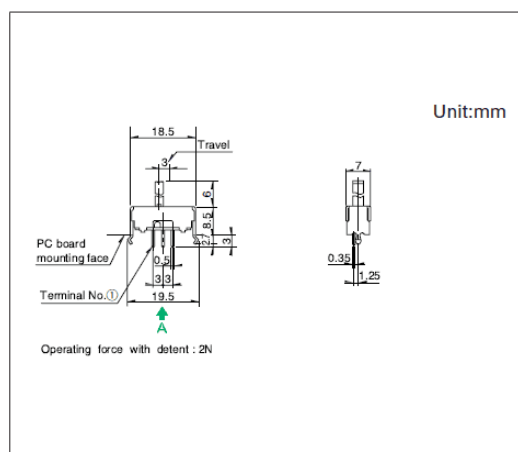
■ Packing Specifications

Bulk

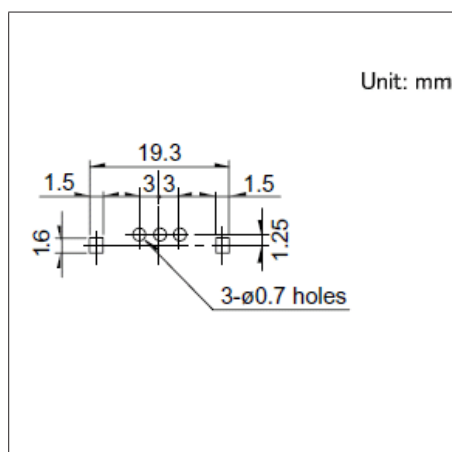
Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
SSSU011700 SSSU012200 SSSU022400 SSSU022800 SSSU124900	400	2,000	400 x 270 x 290
SSSU014800 SSSU015100 SSSU025800 SSSU026300 SSSU041700 SSSU042100 SSSU113200	500	2,500	400 x 270 x 290
SSSU111400 SSSU121700 SSSU122200	700	3,500	400 x 270 x 290

Drawing No.1

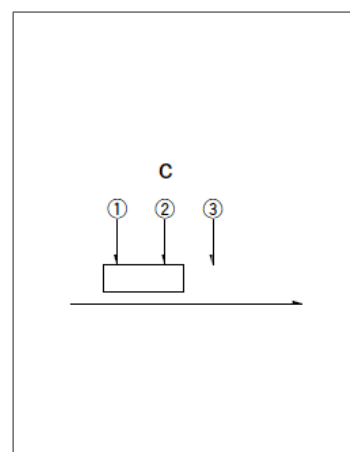
■ Dimensions



■ Mounting Hole Dimensions



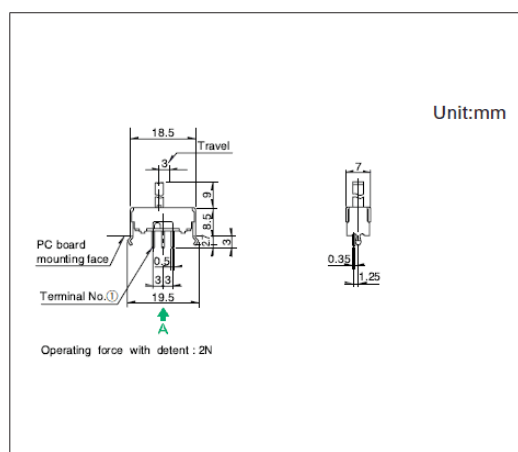
■ Circuit Diagram



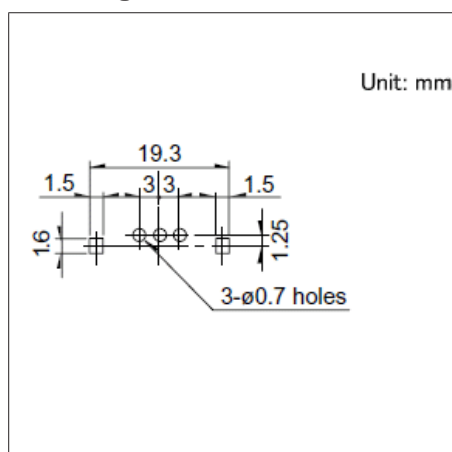
Viewed from direction A in the dimensions.

Drawing No.2

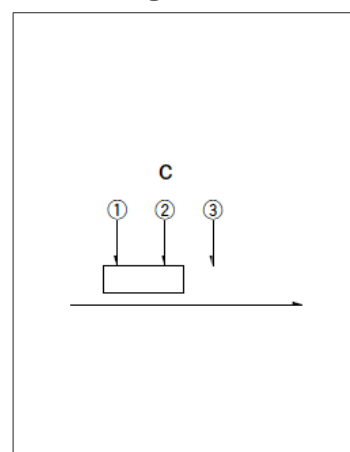
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

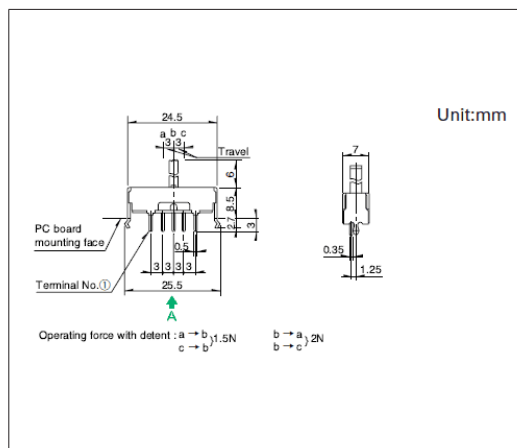
Switches

Slide Switches

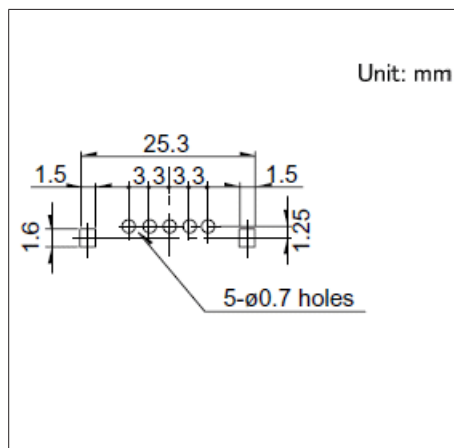
8.5 (H) mm, 3.0mm-travel
SSSU Series

Drawing No.3

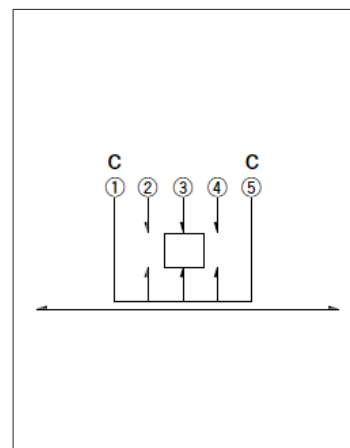
■ Dimensions



■ Mounting Hole Dimensions



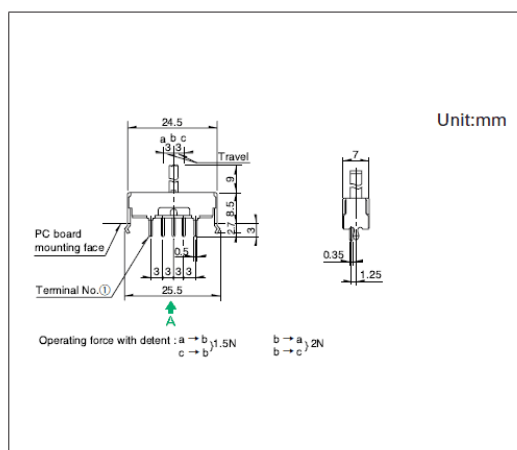
■ Circuit Diagram



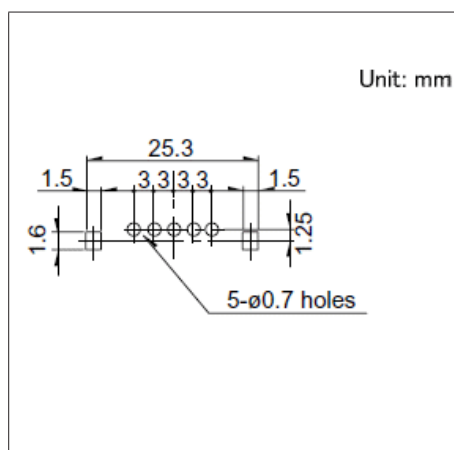
Viewed from direction A in the dimensions.

Drawing No.4

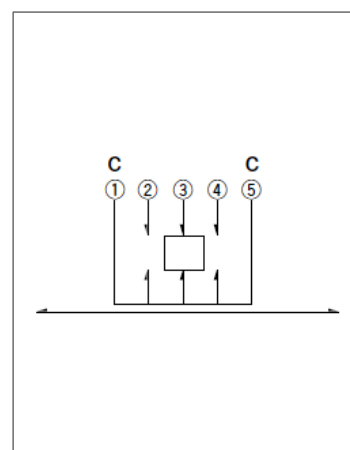
■ Dimensions



■ Mounting Hole Dimensions



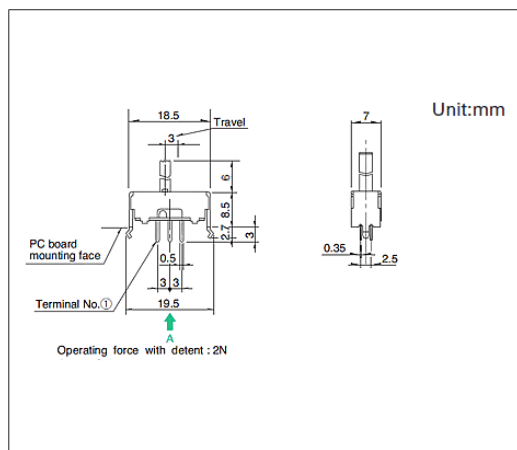
■ Circuit Diagram



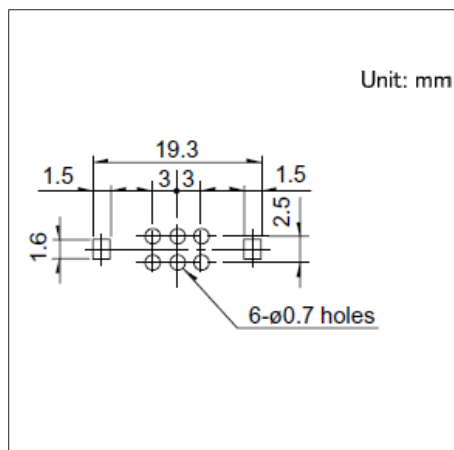
Viewed from direction A in the dimensions.

Drawing No.5

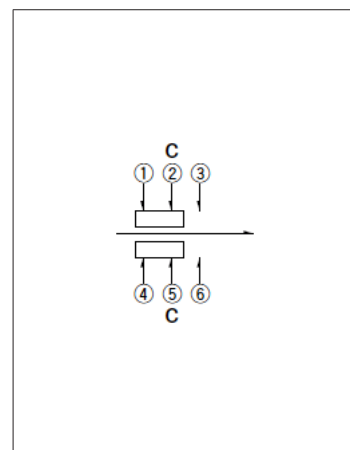
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.

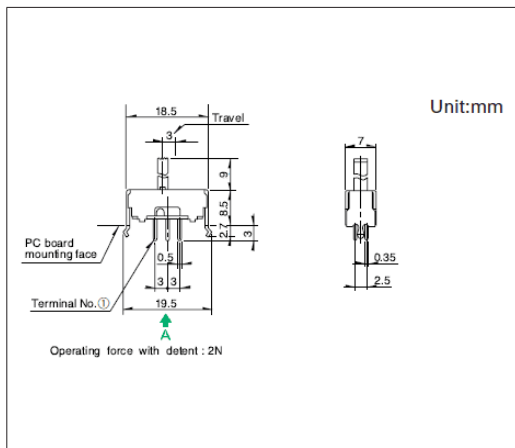
Switches

Slide Switches

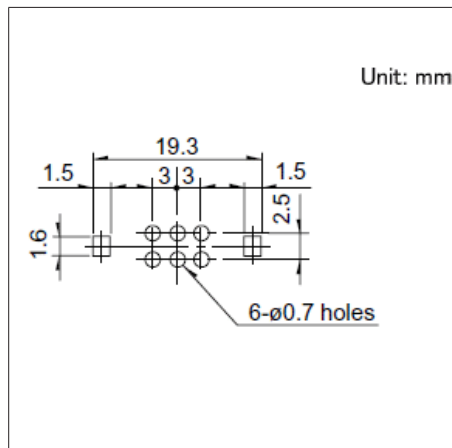
8.5 (H) mm, 3.0mm-travel
SSSU Series

Drawing No.6

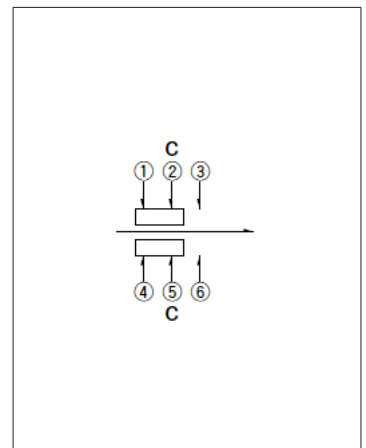
■ Dimensions



■ Mounting Hole Dimensions



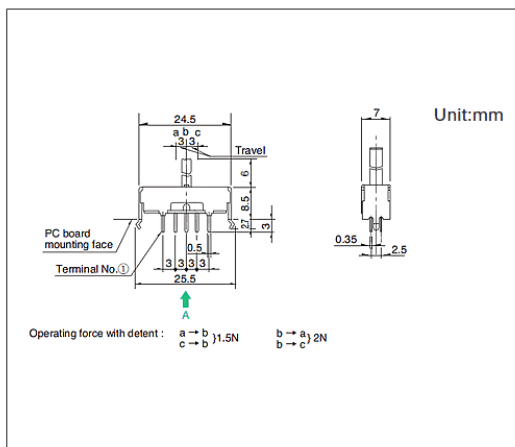
■ Circuit Diagram



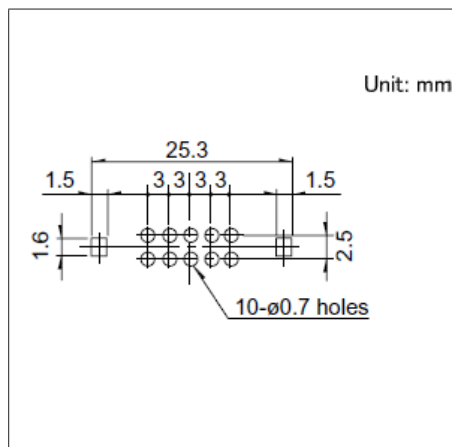
Viewed from direction A in the dimensions.

Drawing No.7

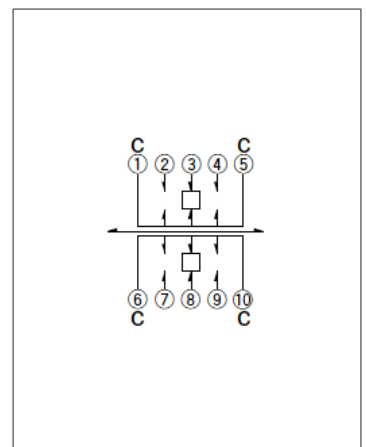
■ Dimensions



■ Mounting Hole Dimensions



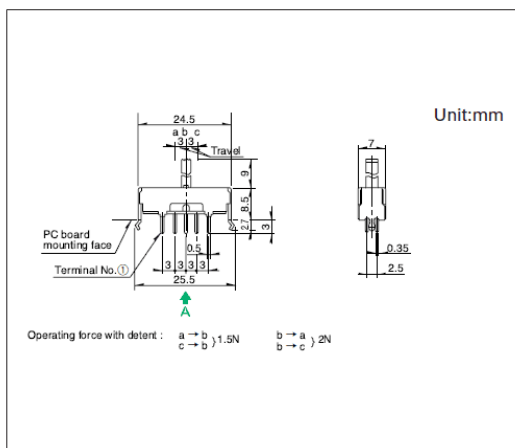
■ Circuit Diagram



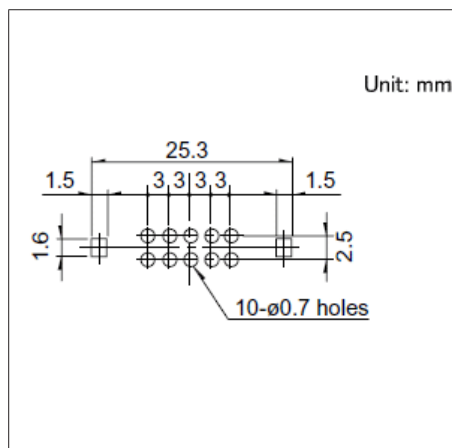
Viewed from direction A in the dimensions.

Drawing No.8

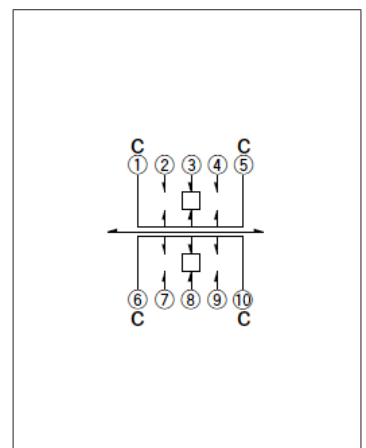
■ Dimensions



■ Mounting Hole Dimensions



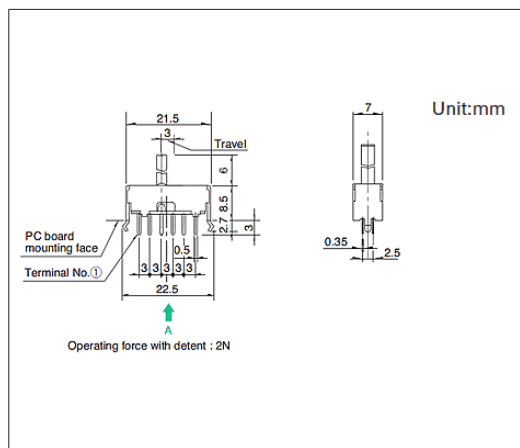
■ Circuit Diagram



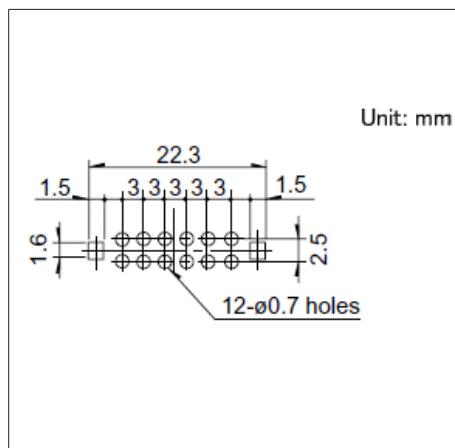
Viewed from direction A in the dimensions.

8.5 (H) mm, 3.0mm-travel
SSSU Series
Drawing No.9

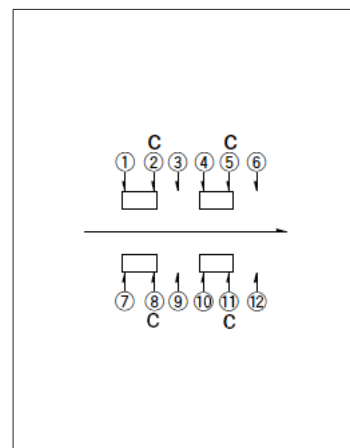
■ Dimensions



■ Mounting Hole Dimensions



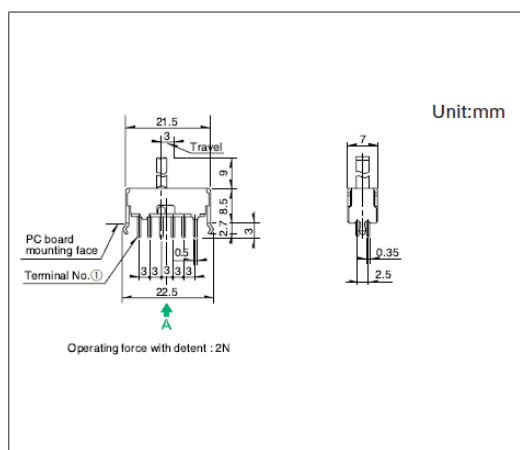
■ Circuit Diagram



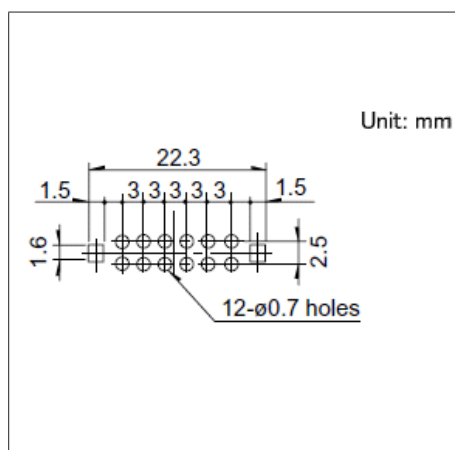
Viewed from direction A in the dimensions.

Drawing No.10

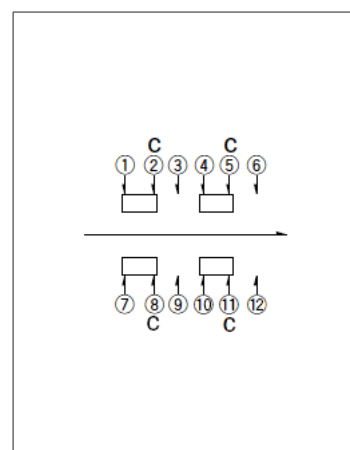
■ Dimensions



■ Mounting Hole Dimensions



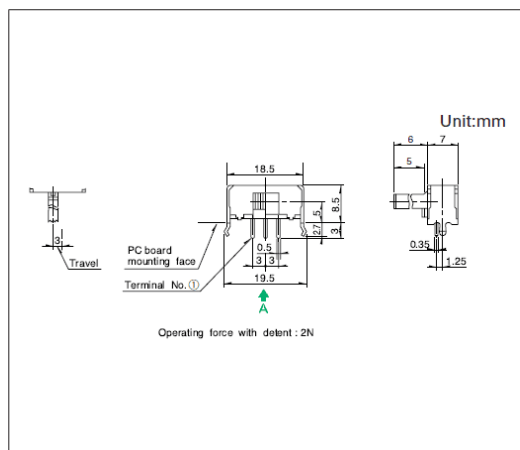
■ Circuit Diagram



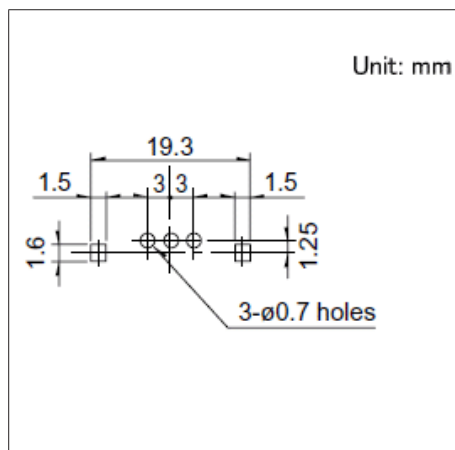
Viewed from direction A in the dimensions.

Drawing No.11

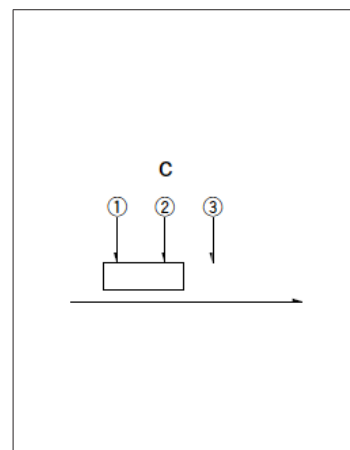
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



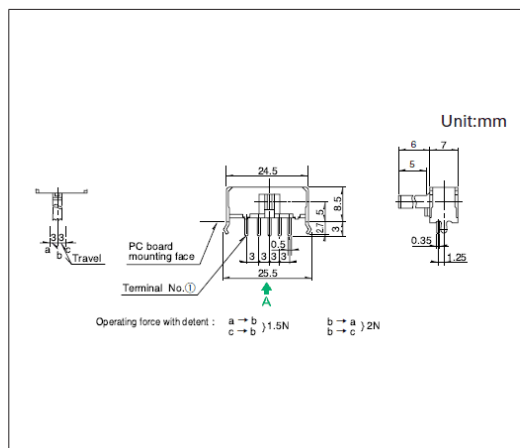
Viewed from direction A in the dimensions.

8.5 (H) mm, 3.0mm-travel

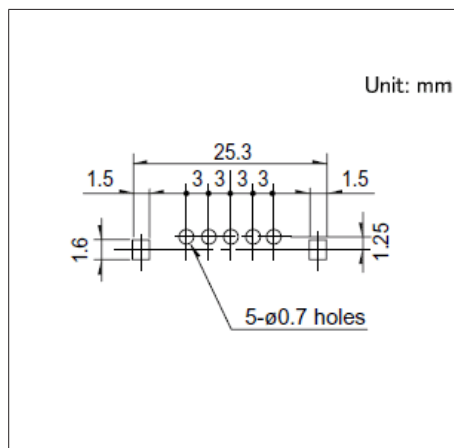
SSSU Series

Drawing No.12

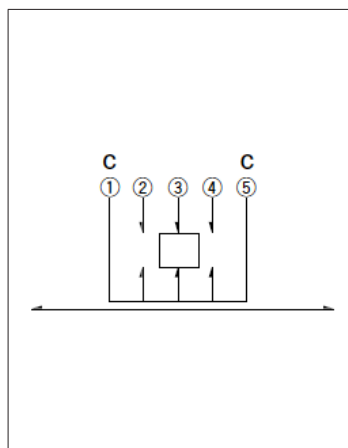
■ Dimensions



■ Mounting Hole Dimensions



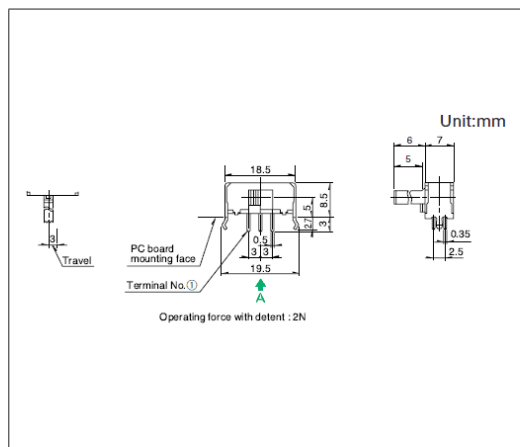
■ Circuit Diagram



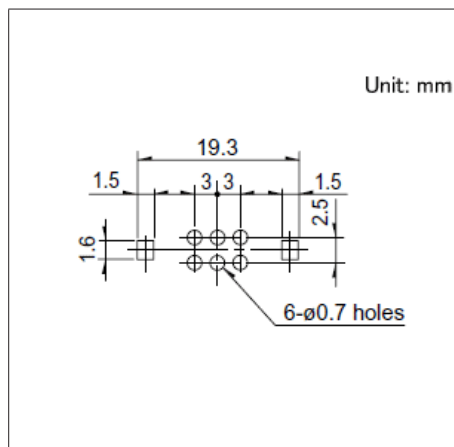
Viewed from direction A in the dimensions.

Drawing No.13

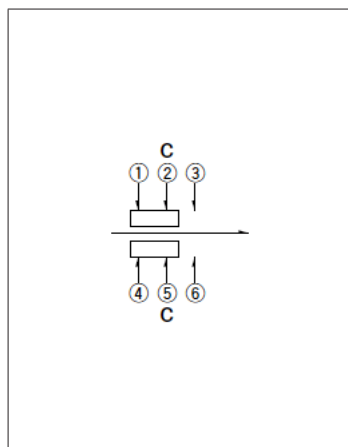
■ Dimensions



■ Mounting Hole Dimensions



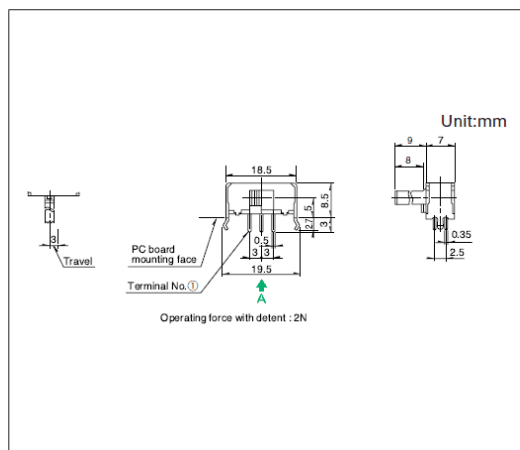
■ Circuit Diagram



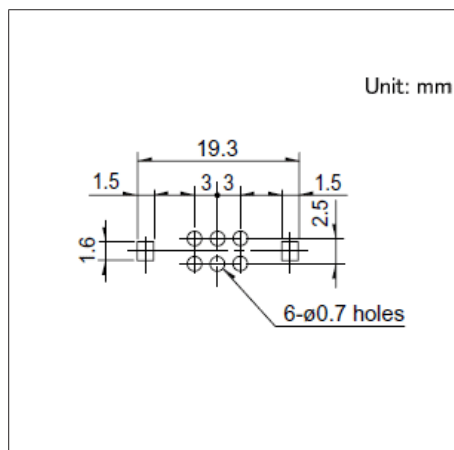
Viewed from direction A in the dimensions.

Drawing No.14

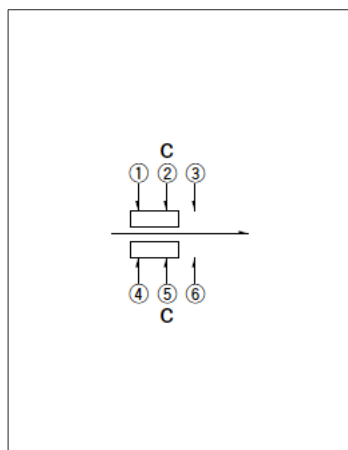
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram

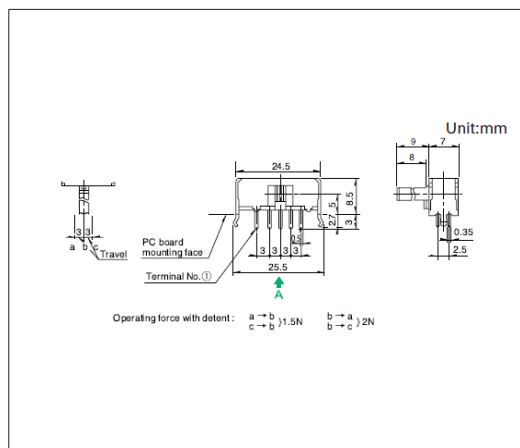


Viewed from direction A in the dimensions.

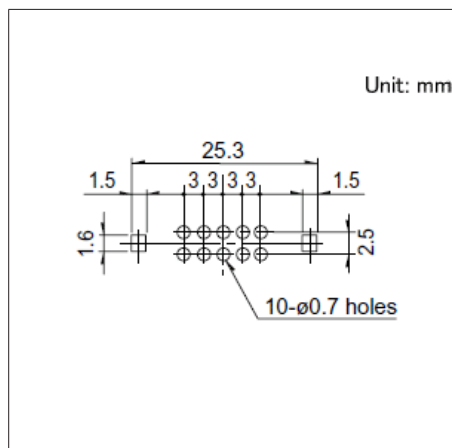
8.5 (H) mm, 3.0mm-travel

SSSU Series**Drawing No.15**

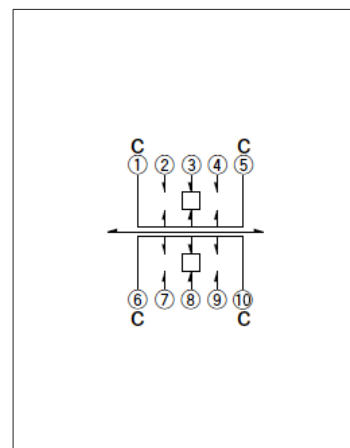
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram

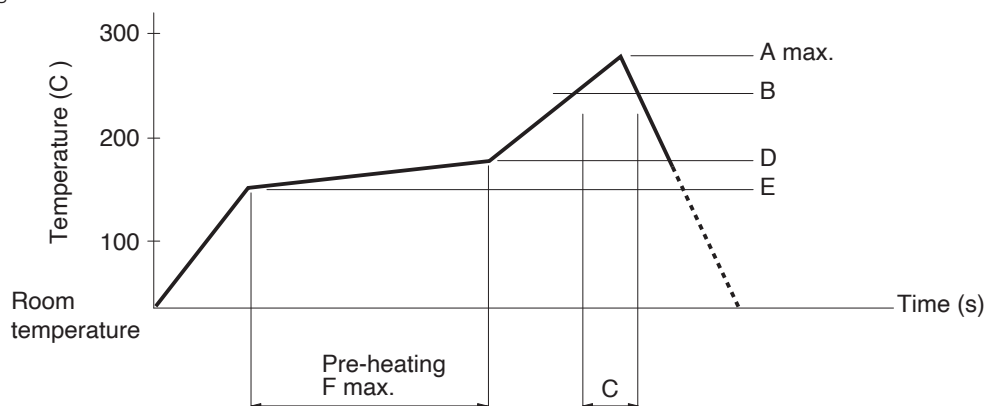


Viewed from direction A in the dimensions.

Slide Switches / Soldering Conditions

■ Example of Reflow Soldering Condition

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



Series (Reflow type)			A (°C) 3s max.	B (°C)	C (s)	D (°C)	E (°C)	F (s)
SSSS2	Vertical	1-pole, 3-position	260	230	40	180	150	120
	Horizontal	1-pole, 2-position 1-pole, 3-position 2-pole, 3-position						
	Vertical	1-pole, 2-position	250					
SSAG, SSAJ, SSSS8, SSS7			260					

⚠ Note

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

Series	Soldering temperature	Soldering time
SSSF, SSSU	350±10°C	3+1/0s
SSSS2	350±10°C	4s max.
SSSS9	350±10°C	3s max.
SSAG, SSAJ	350±5°C	3s max.
SSSS8	330±5°C	3s max.
SSSS7	320±5°C	3s max.

■ Reference for Dip Soldering

(For PC board terminal types)

Series	Items		Dip soldering	
	Preheating temperature	Preheating time	Soldering temperature	Duration of immersion
SSSS2	100°C max.	60s max.	260±5°C	3±1s
SSSS9	120°C max.	60s max.	260±5°C	5+0/-1s (2 times)
SSSF, SSSU	100°C max.	60s max.	260±5°C	10±1s/5±1s

Slide Switches / Cautions

1. Applying load to terminals during soldering under certain conditions may cause deformation and electrical property degradation.
2. Avoid use of water-soluble soldering flux, since it may corrode the switches.
3. Check and conform to soldering requirements under actual mass production conditions.
4. When soldering twice, wait until the first soldered portion cools to normal temperature. Continuous heating will deform the external portions, loosen or dislodge terminals, or may deteriorate their electrical characteristics.
5. Flux from around and above the PC board should not adhere to the switches.
6. After mounting the switches, if you intend to put the board into an oven in order to harden adhesive for other parts, please consult with us.
7. If you use a through-hole PC board or a PC board thinner or thicker than the recommendation, there may be greater heat stress. Verify the soldering conditions thoroughly before use.
8. Solder the switches with detent at the detent position. Soldering switches fixed at the center of the detent may deform the detent mechanisms.
9. No cleaning.
10. Protect small and thin switches from external forces in the set mounting process.
11. Tighten the mounting screws by applying the specified torque. Tightening with larger torque than the specified one will result in malfunction or breakage of screws.
12. Insert these switches to the specified mounting surface and mount them horizontally. If not mounted horizontally, these switches will malfunction.
13. The products are designed and manufactured for direct current resistance. Contact us for use of other resistances such as inductive (L) or capacitive (C).
14. The switch will break if you apply a greater stress than that specified. Take great care not to let the switch be subject to greater stress than specified.
15. Use of the switches in a dusty environment may lead the dusts entering through the openings and cause imperfect contact or malfunction. Take this into account for set design.
16. Corrosive gas if generated by peripheral parts of a set, malfunction such as imperfect contact may occur. Thorough investigation shall be required beforehand.
17. Storage

Store the products as delivered at normal temperature and humidity, out of direct sunlight and away from corrosive gases. Use them as soon as possible and no later than six months after delivery.

Once the seal is broken, use them as soon as possible.