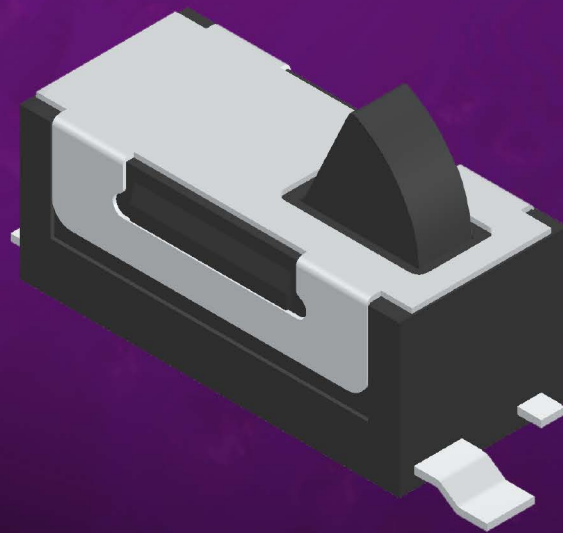


Detector Switch

Connectors

D

etector Switch



CONNECTORS MANUFACTURER

Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: 100VAC 50Hz / 1MIN

Rating: DC 3V 10mA MAX

Contact Resistance: 500mΩ MAX.

Insulation Resistance: 50MΩ MIN

Operating Life: 50,000 Cycles

Operating Force: 50gf±20gf

MATERIAL

Base: Nylon 46, Black

Terminal: Brass, Silver Plated

Contact: Stainless Steel, Silver Plated

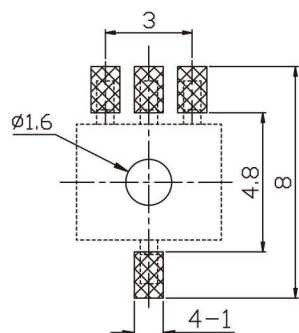
Cover: Nylon 46, Black

Actuator: Nylon 46

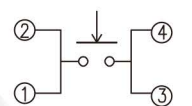
Spring: Stainless Steel

6SEMS01-065 XXX X X X F01

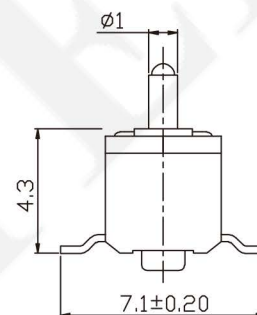
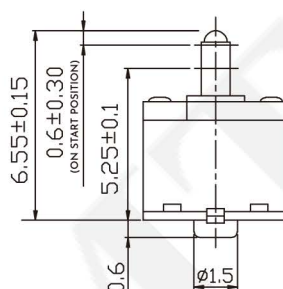
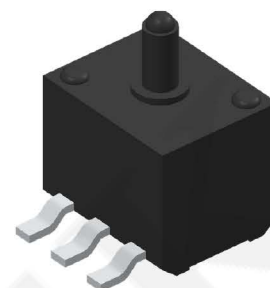
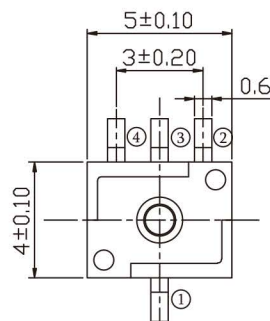
Operating Force 050:50gf±20gf	Actuator Color B:Black	H:T/R W/O Cap C:With Peg W/O Ground W/O Shell
----------------------------------	---------------------------	--



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



CIRCUIT DIAGRAM



Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: 100VAC 50Hz / 1MIN

Rating: DC 3V 10mA MAX

Contact Resistance: 500mΩ MAX.

Insulation Resistance: 50MΩ MIN

Operating Life: 50,000 Cycles

Operating Force: 30gf±15gf

MATERIAL

Base: Nylon 46, Black

Terminal: Brass, Silver Plated

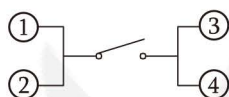
Contact: Phosphor Bronze, Silver Plated

Cover: Nylon 46, Black

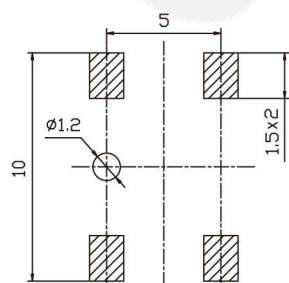
Actuator: Nylon 46

6SEMS02-069 XXX X X X F01

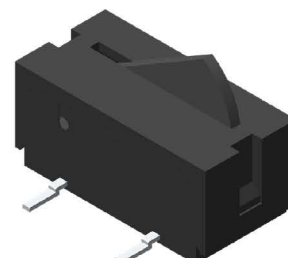
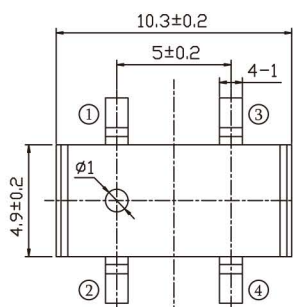
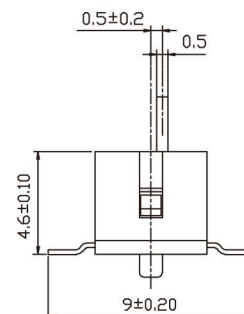
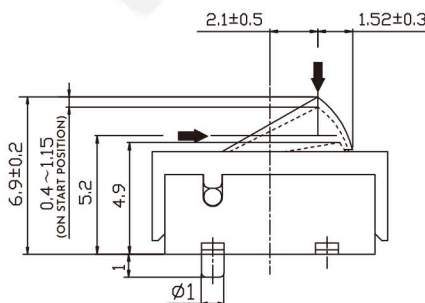
Operating Force 030:30gf±15gf	Actuator Color B:Black	H:T/R W/O Cap C:With Peg W/O Ground W/O Shell
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CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating:DC 5V 10mA MAX

Contact Resistance:1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life:30,000 Cycles

Operating Force:35gf±15gf

MATERIAL

Base:Nylon 46, Black

Terminal:Brass, Silver Plated

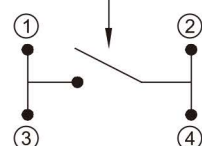
Cover:Nylon 46, Black

Actuator:Nylon 9T

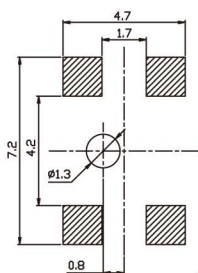
Spring:Phosphor Bronze Wire, Silver Plated

6SEMS03-086 XXX X X X F01

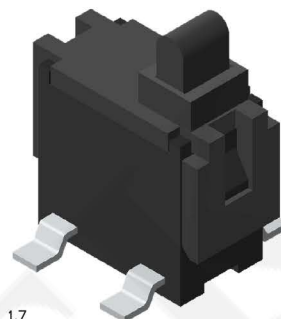
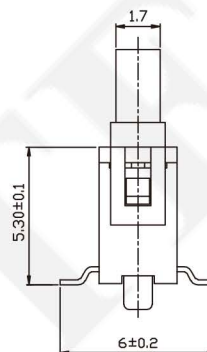
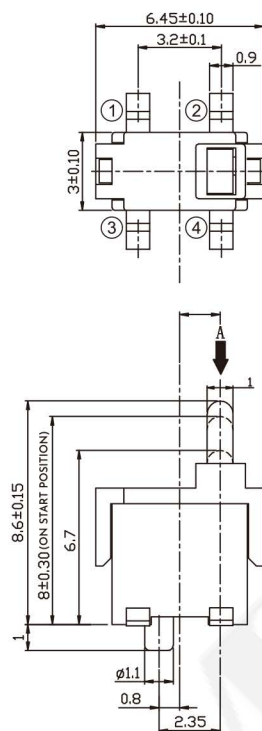
Operating Force 035:35gf±15gf	Actuator Color B:Black	H:T/R W/O Cap
		C:With Peg W/O Ground W/O Peg



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating: DC 3V 10mA MAX

Contact Resistance:1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life:20,000 Cycles

Operating Force:30gf±10gf

MATERIAL

Base:LCP, Black

Terminal:Phosphor Bronze, Silver Plated

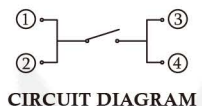
Cover:Stainless Steel

Actuator:Nylon 46

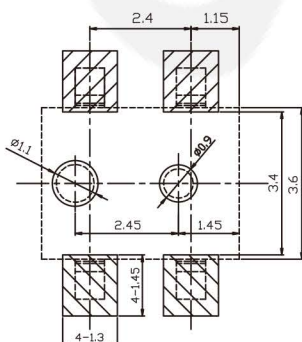
Spring:Phosphor Bronze, Silver Plated

6SEMS04-036 XXX X X X F01

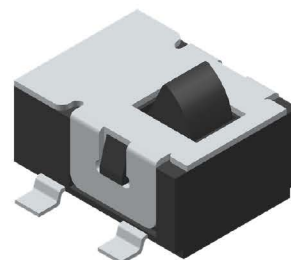
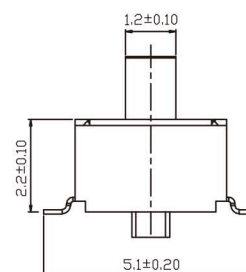
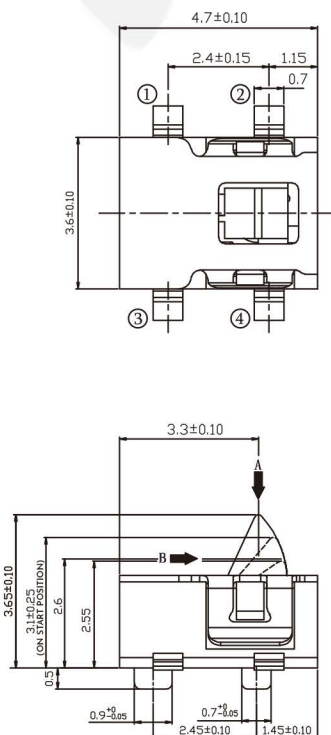
Operating Force 030:30gf±10gf	Actuator Color B:Black	H:T/R W/O Cap
		P:With Peg W/O Ground With Shell



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: 250VAC 50Hz / 1MIN

Rating: DC 5V 10mA MAX

Contact Resistance: 1Ω MAX

Insulation Resistance: 50MΩ MIN

Operating Life: 50,000 Cycles

Operating Force: 30gf±15gf

MATERIAL

Base: LCP, Black

Terminal: Phosphor Bronze, Silver Plated

Cover: Stainless Steel

Actuator: LCP

Spring: Stainless Steel

6SEMS05-052 XXX X X X F01

Operating Force
030:30gf±15gf

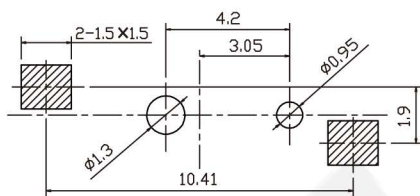
Actuator Color
B: Black

H: T/R W/O Cap

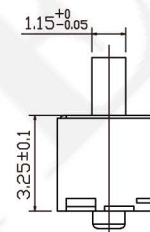
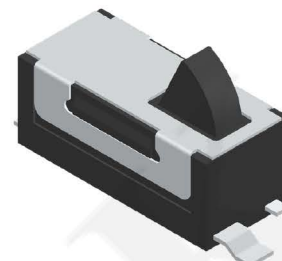
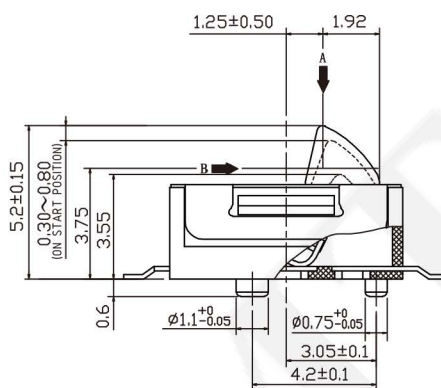
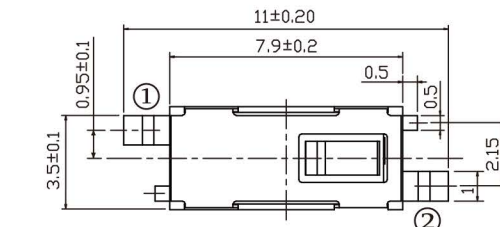
P: With Peg
W/O Ground
With Shell



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: AC100V / 1MIN

Rating: DC 5V 10mA MAX

Contact Resistance: 3Ω MAX

Insulation Resistance: 500MΩ MIN

Operating Life: 50,000 Cycles

Operating Force: 35gf MAX

Travel: 1.93±0.5mm

MATERIAL

Base: PPA, Black

Terminal: Phosphor Bronze, Silver Plated

Contact: Phosphor Bronze, Silver Plated

Cover: Stainless Steel

Actuator: PPA

Spring: Stainless Steel

Slider: PPA, Black

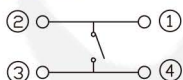
6SEMS06-031 XXX X X X F01

Operating Force
035:35gf MAX

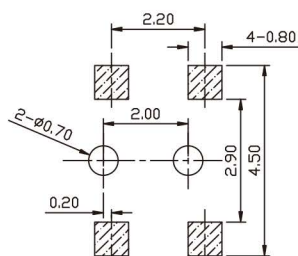
Actuator Color
B: Black

H: T/R W/O Cap

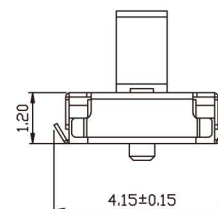
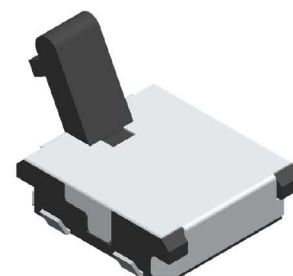
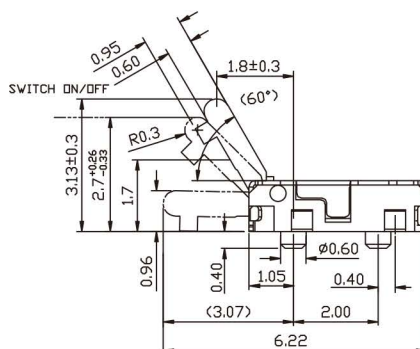
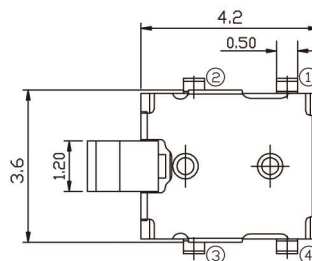
P: With Peg
W/O Ground
With Shell



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength: 100VAC / 1MIN
 Rating: DC 3V 10mA MAX
 Contact Resistance: 500mΩ MAX.
 Insulation Resistance: 50MΩ MIN
 Operating Life: 50,000 Cycles
 Operating Force: 25gf±10gf

MATERIAL

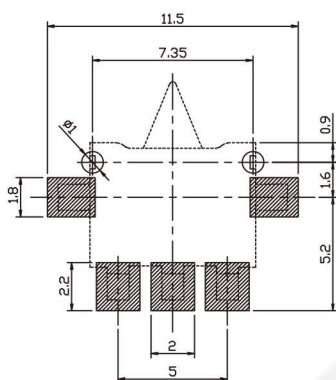
Base: Nylon 9T, Black
 Terminal: Brass, Silver Plated
 Contact: Phosphor Bronze, Silver Plated
 Cover: Brass
 Actuator: Nylon 9T
 Slider: Nylon 9T, Black

6SEMR01-100 XXX X X X F01

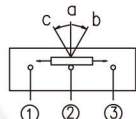
Operating Force
025:25gf±10gf

Actuator Color
B:Black

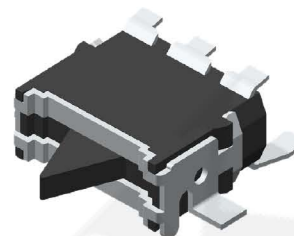
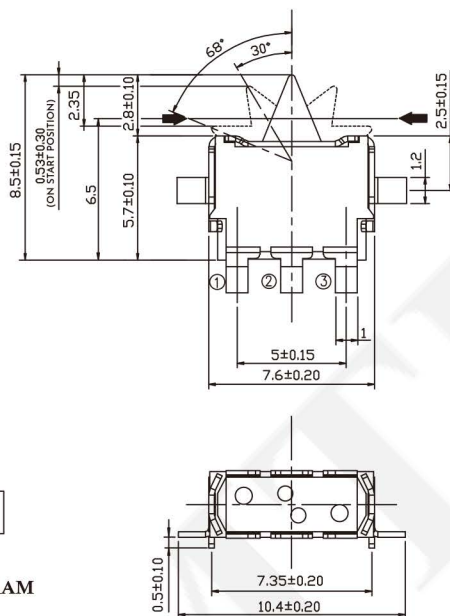
H:T/R W/O Cap
N:W/O Peg
W/O Ground
With Shell



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



CIRCUIT DIAGRAM



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC100V / 1MIN
 Rating: DC 3V 10mA MAX
 Contact Resistance: 500mΩ MAX.
 Insulation Resistance: 50MΩ MIN
 Operating Life: 50,000 Cycles
 Operating Force: 25gf±15gf

MATERIAL

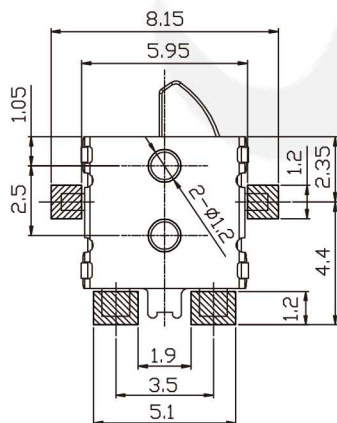
Base: PPA, Black
 Terminal: Phosphor Bronze, Silver Plated
 Contact: Phosphor Bronze, Silver Plated
 Cover: Stainless Steel
 Actuator: PPA

6SEMR02-084 XXX X X X F01

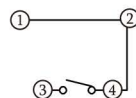
Operating Force
025:25gf±15gf

Actuator Color
B:Black

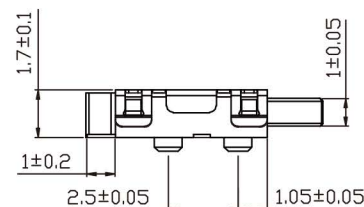
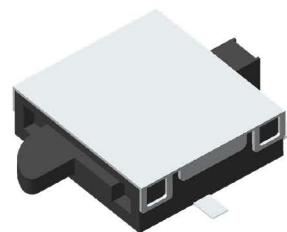
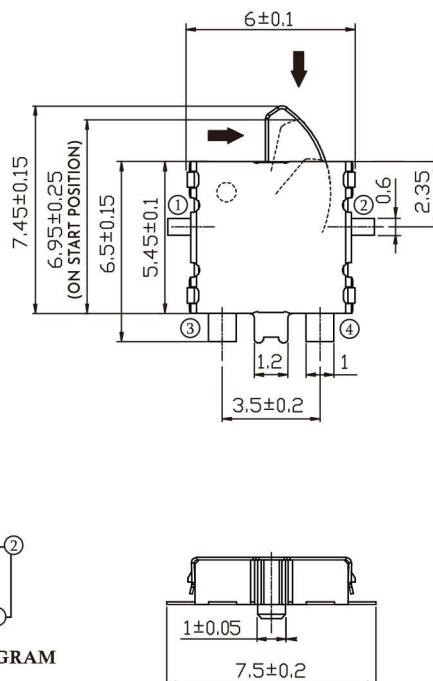
H:T/R W/O Cap
P:With Peg
W/O Ground
With Shell



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



CIRCUIT DIAGRAM



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength: 100VAC 50Hz / 1MIN

Rating: DC 3V 10mA MAX

Contact Resistance: 1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life: 20,000 Cycles

Operating Force: 35gf±15gf

MATERIAL

Base: Nylon 46, Black

Terminal: Phosphor Bronze, Silver Plated

Cover: Stainless Steel

Actuator: Nylon 46

Spring: Phosphor Bronze, Silver Plated

6SEMR03-085 XXX X X X F0X

Operating Force
035:35gf±15gf

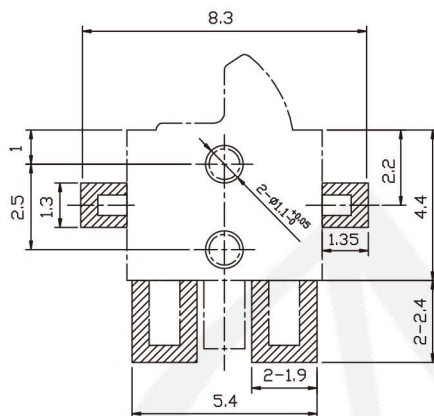
Actuator Color
B: Black

1: Right
2: Left
H: T/R W/O Cap

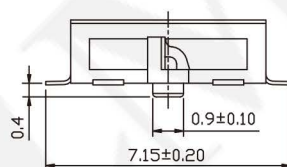
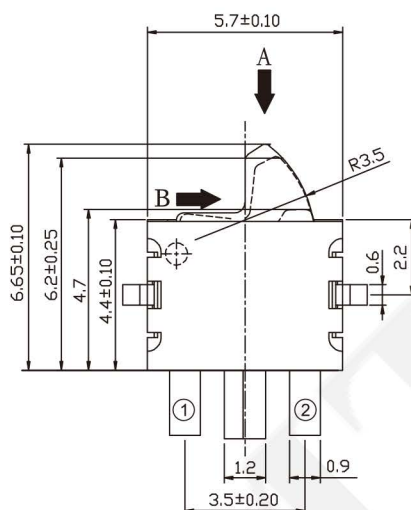
P: With Peg
W/O Ground
With Shell



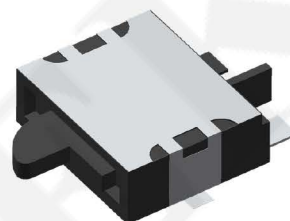
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

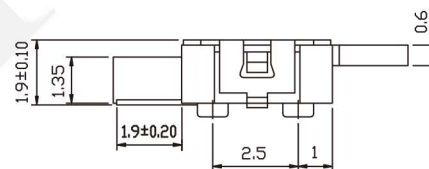


◆ Right

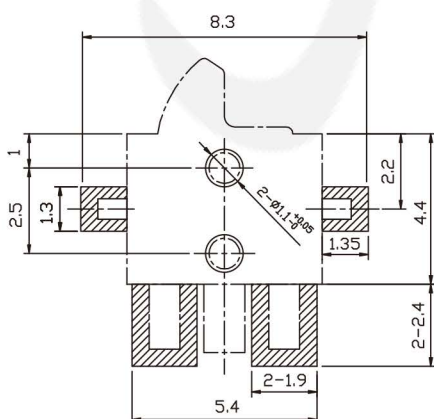


6SEMR03-XXX XXX XXX F01

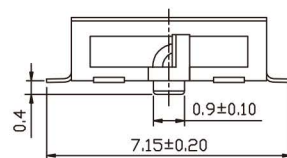
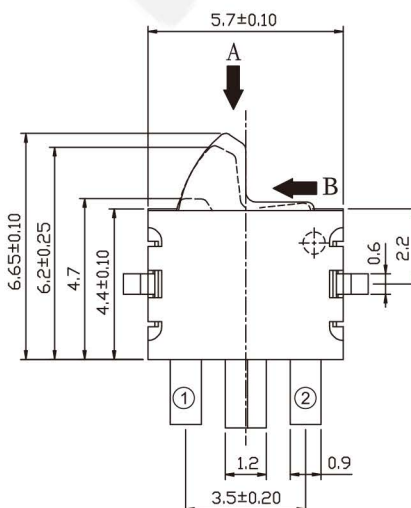
Right



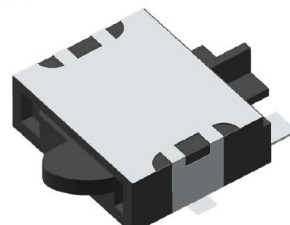
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

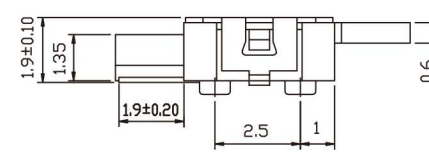


◆ Left



6SEMR03-XXX XXX XXX F02

Left



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating:DC 5V 10mA MAX

Contact Resistance:1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life:20,000 Cycles

Operating Force:20gf±10gf

MATERIAL

Base:Nylon 46, Black

Terminal:Brass, Silver Plated

Actuator:Nylon 46

Spring:Phosphor Bronze Wire, Silver Plated

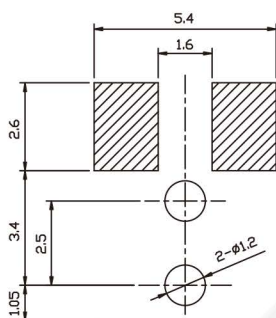
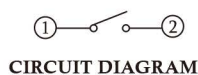
6SEMR04-086 XXX X X X F01

Operating Force
020:20gf±10gf

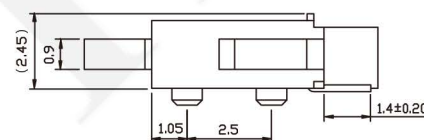
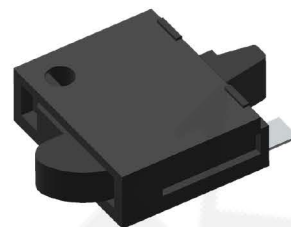
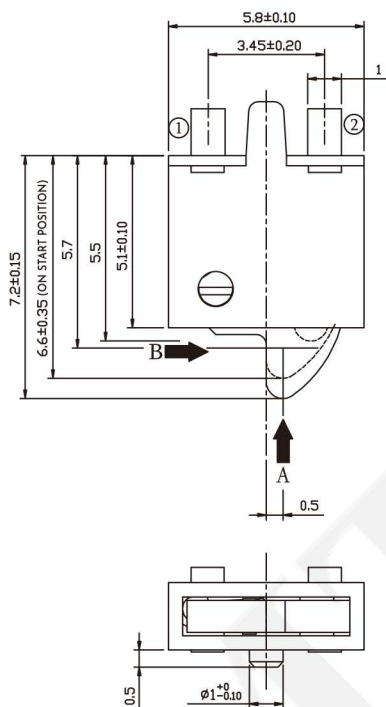
Actuator Color
B:Black

H:T/R W/O Cap

C:With Peg
W/O Ground
W/O Shell



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating:DC 3V 10mA MAX

Contact Resistance:500mΩ MAX.

Insulation Resistance:50MΩ MIN

Operating Life:20000 Cycles

Operating Force:90gf±20gf

MATERIAL

Base:Nylon 46, Black

Terminal:Phosphor Bronze, Silver Plated

Contact:Phosphor Bronze, Silver Plated

Cover:Phosphor Bronze

Actuator:Nylon 46

Spring:Stainless Steel

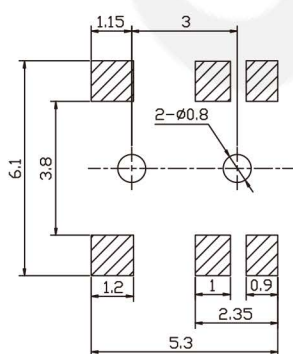
6SEMR05-082 XXX X X X F01

Operating Force
090:90gf±20gf

Actuator Color
B:Black

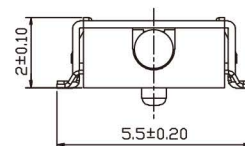
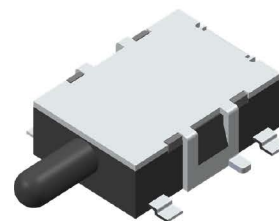
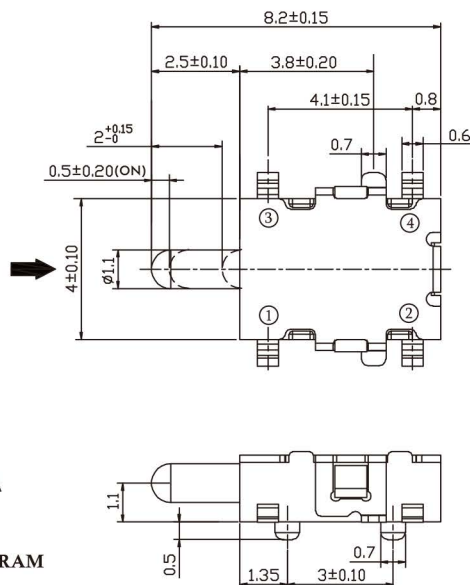
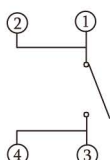
H:T/R W/O Cap

P:With Peg
W/O Ground
With Shell



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CIRCUIT DIAGRAM



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating:DC 3V 1mA MAX

Contact Resistance:1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life:20,000 Cycles

Operating Force:30gf±15gf

MATERIAL

Base:PPA, Black

Terminal:Phosphor Bronze, Silver Plated

Contact:Phosphor Bronze, Silver Plated

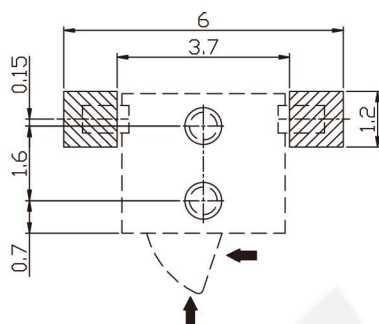
Actuator:PPA

6SEMR06-043 XXX X X X F01

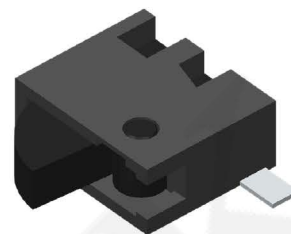
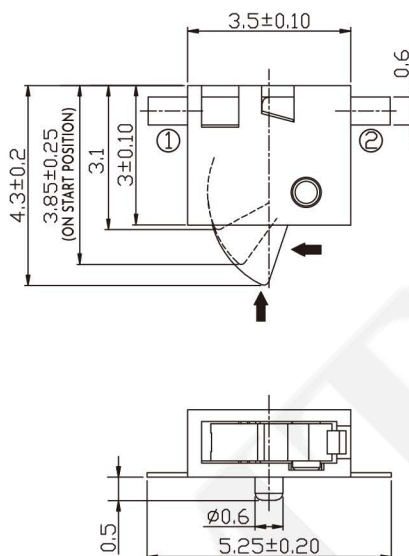
Operating Force 030:30±15g	Actuator Color B:Black	H:T/R W/O Cap C:With Peg W/O Ground W/O Shell
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CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength:100VAC 50Hz / 1MIN

Rating:DC 3V 10mA MAX

Contact Resistance:1Ω MAX.

Insulation Resistance: 50MΩ MIN

Operating Life:20,000 Cycles

Operating Force:30gf±15gf

MATERIAL

Base:PPA, Black

Terminal:Phosphor Bronze, Silver Plated

Contact:Phosphor Bronze, Silver Plated

Cover:Stainless Steel

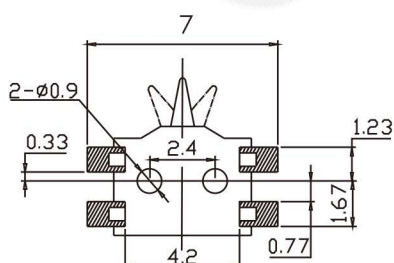
Actuator:PPA

Spring:Stainless Steel

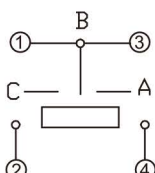
Slider:PPA, Black

6SEMR07-058 XXX X X X F01

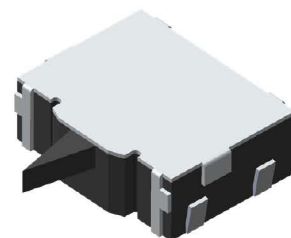
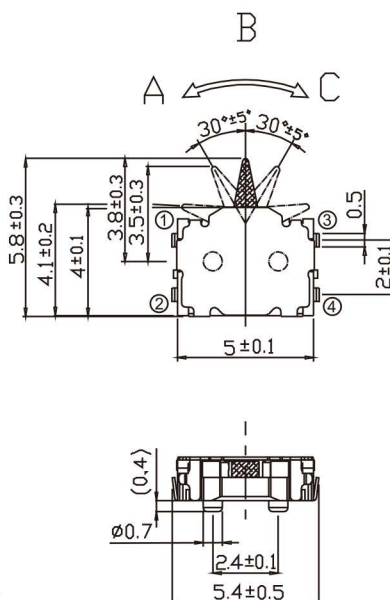
Operating Force 030:30gf±15gf	Actuator Color B:Black	H:T/R W/O Cap P:With Peg W/O Ground With Shell
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RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



CIRCUIT DIAGRAM



Detector Switch DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: 100VAC 50Hz / 1MIN

Rating: DC 5V 10mA MAX

Contact Resistance: 500mΩ MAX.

Insulation Resistance: 50MΩ MIN

Operating Life: 20,000 Cycles

Operating Force: 25gf±10gf

MATERIAL

Base: PPA, Black

Terminal: Brass, Silver Plated

Contact: Beryllium Copper

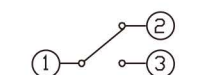
Cover: PPA, Black

Actuator: POM

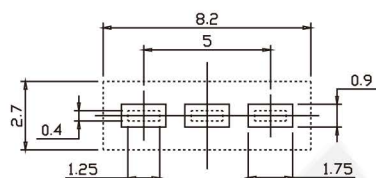
Slider: POM, Natural

6SEDS01-097 XXX X X X F01

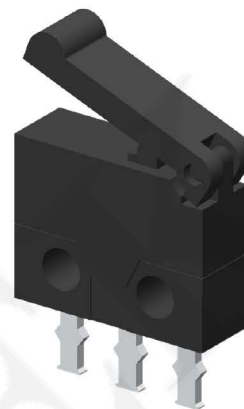
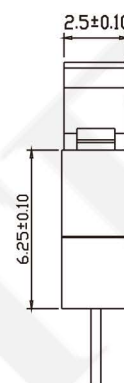
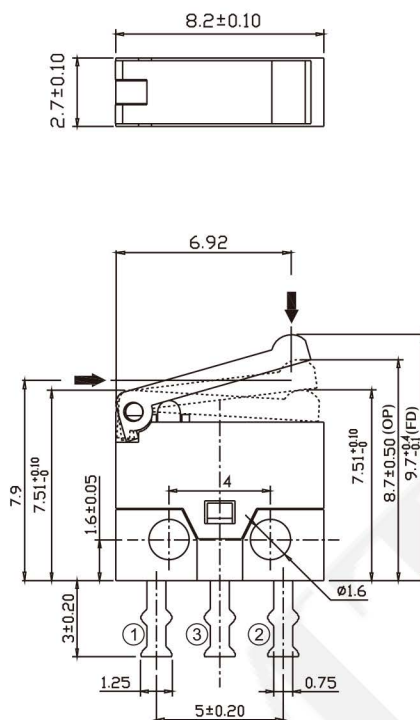
Operating Force 025:25gf±10gf	Actuator Color B:Black	B:Bag
E:W/O Peg W/O Ground W/O Shell		



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Detector Switch DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: 100VAC 50Hz / 1MIN

Rating: DC 3V 10mA MAX

Contact Resistance: 500mΩ MAX.

Insulation Resistance: 50MΩ MIN

Operating Life: 50,000 Cycles

Operating Force: 30gf±15gf

MATERIAL

Base: Nylon 46, Black

Terminal: Brass, Silver Plated

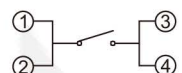
Contact: Phosphor Bronze, Silver Plated

Cover: Nylon 46, Black

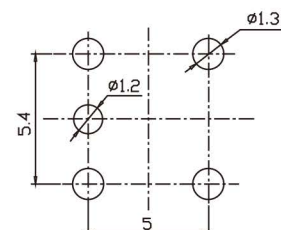
Actuator: POM

6SEDS02-069 XXX X X X F01

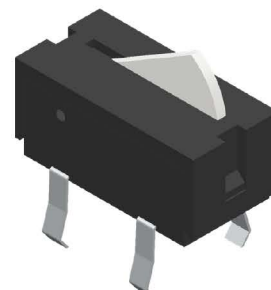
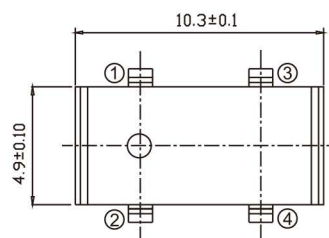
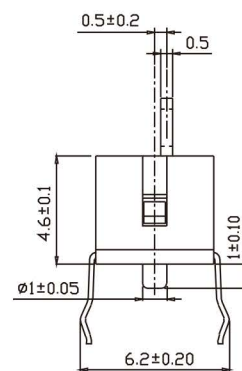
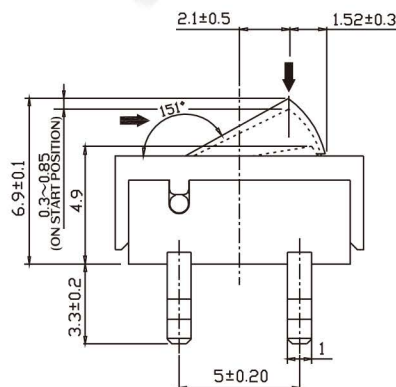
Operating Force 030:30gf±15gf	Actuator Color W:Natural	B:Bag
C:With Peg W/O Ground W/O Shell		



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



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