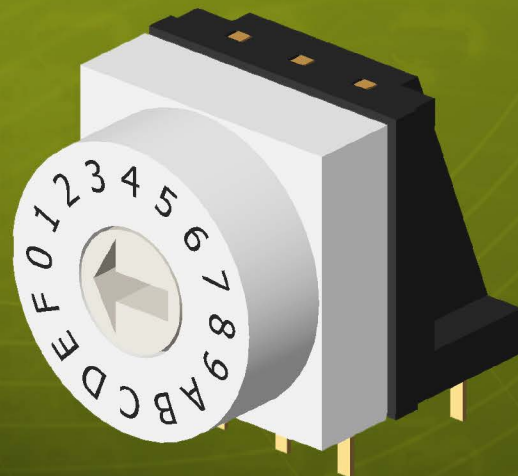


ROTARY CODE

SWITCH CONNECTOR

P

Pluggable Terminal Block



CONNECTORS MANUFACTURER

Rotary Code Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Life: 10,000Cycles

Operating Force: 700gf MAX

MATERIAL

Base: LCP

Terminal: Phosphor Bronze, Gold Plated

Contact: Phosphor Bronze, Gold Plated

Cover: LCP

Actuator: Nylon 66

PCB: Epoxy, Gold Plated

O-Ring: Silicone

6SRMS01-XXX XXX X X X 301

Series Code
068 (Only for 10POS)
141 (Only for 16POS)

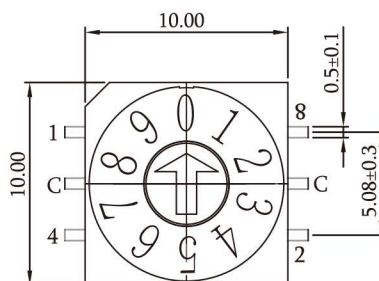
Position
010: 10POS
016: 16POS

Base Color
G: Gray

T: TUBE

E: W/O Peg
W/O Ground
W/O Shell

16 Position	10 Position	Complement Code				
		C	1	2	4	8
	0	●	●	●	●	●
	1	●	●	●	●	●
	2	●	●	●	●	●
	3	●	●	●	●	●
	4	●	●	●	●	●
	5	●	●	●	●	●
	6	●	●	●	●	●
	7	●	●	●	●	●
	8	●	●	●	●	●
	9	●	●	●	●	●
	10	●	●	●	●	●
	11	●	●	●	●	●
	12	●	●	●	●	●
	13	●	●	●	●	●
	14	●	●	●	●	●
	15	●	●	●	●	●

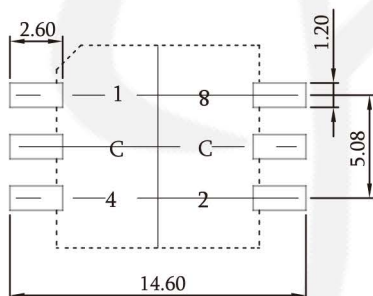
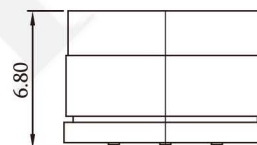
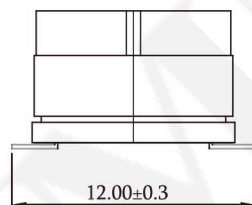


◆ 10 POS

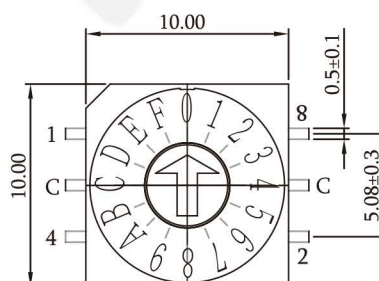


6SRMS01-068010 XXX 301

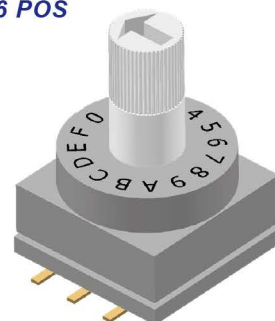
10 POS



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

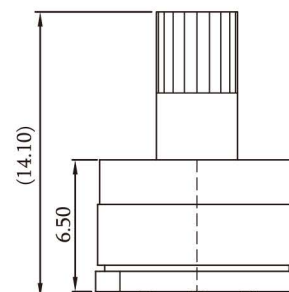
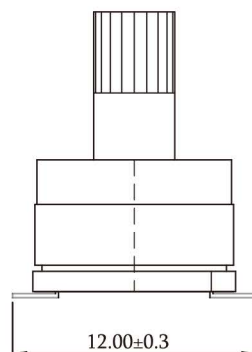


◆ 16 POS



6SRMS01-141016 XXX 301

16 POS



Rotary Code Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: LCP

Terminal: Phosphor Bronze, Gold Plated

Contact: Phosphor Bronze, Gold Plated

Cover: Stainless Steel

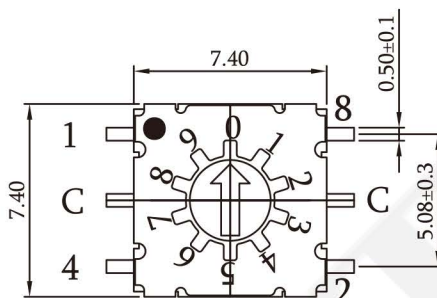
Actuator: LCP

O-Ring: Silicone

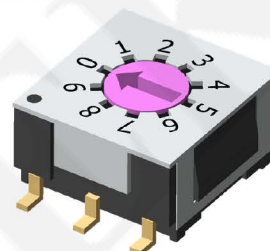
6SRMS02-038 XXX X X X 301

Position 010:10POS 016:16POS	Base Color B:Black	H:T/R W/O Cap N:W/O Peg W/O Ground With Shell
------------------------------------	-----------------------	--

16 Position	10 Position	Complement Code					
		C	1	2	4	8	
	0	●			●	●	0
	1	●		●	●	●	1
	2	●	●		●	●	2
	3	●			●	●	3
	4	●			●	●	4
	5	●		●		●	5
	6	●	●			●	6
	7	●				●	7
	8	●		●	●		8
	9	●		●	●		9
	10	●	●				A
	11	●			●		B
	12	●	●	●			C
	13	●		●			D
	14	●	●				E
	15	●					F

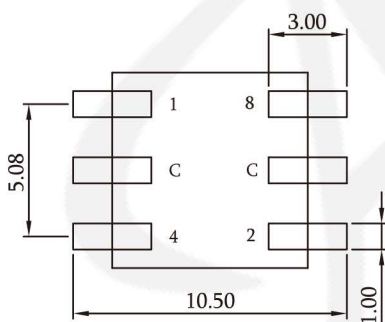


◆ 10 POS

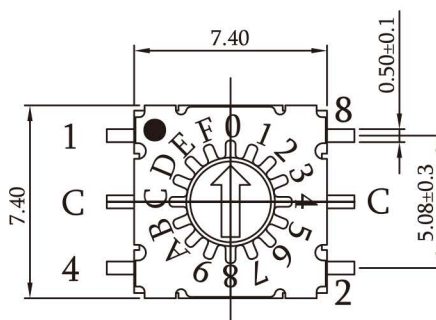
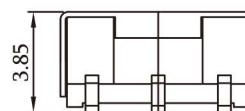
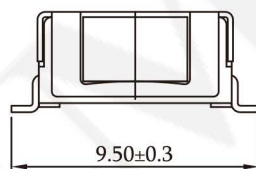


6SRMS02-038010 XXX 301

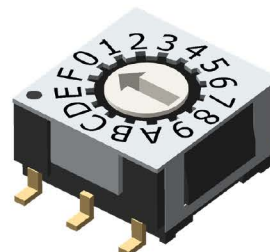
10 POS



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

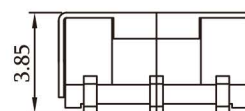
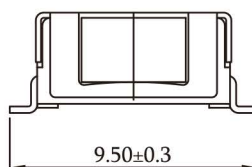


◆ 16 POS



6SRMS02-038016 XXX 301

16 POS



Rotary Code Switch SMT Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 9T

Terminal: Phosphor Bronze, Tin Plated

Contact: Phosphor Bronze, Gold Plated

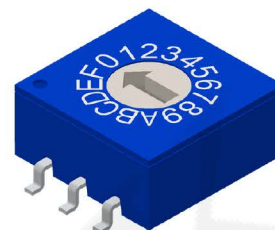
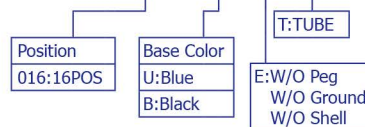
Cover: Nylon 9T

Actuator: Nylon 9T

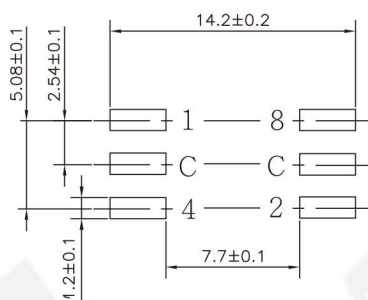
Spring: Stainless Steel

O-Ring: Silicone

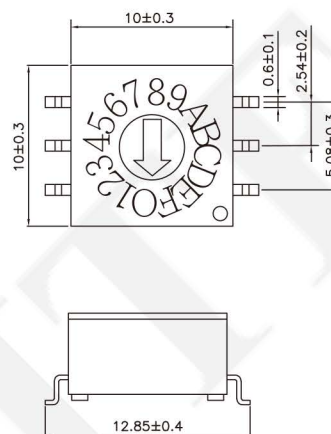
6SRMS03-050 XXX X X X 301



		Real Code				
16 Position		C	1	2	4	8
	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●			●
	6	●		●	●	
	7	●	●	●		
	8	●				●
	9	●			●	
	10	●		●		●
	11	●	●			●
	12	●			●	●
	13	●	●		●	●
	14	●		●	●	●
	15	●	●	●	●	●



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Rotary Code Switch DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 9T

Terminal: Phosphor Bronze, Tin Plated

Contact: Phosphor Bronze, Gold Plated

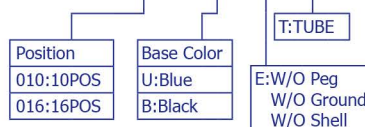
Cover: Nylon 9T

Actuator: Nylon 9T

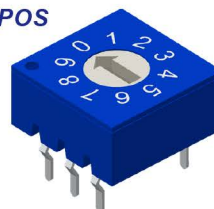
Spring: Stainless Steel

O-Ring: Silicone

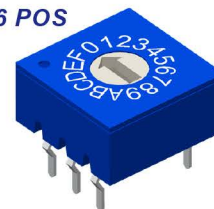
6SRDS03-050 XXX X X X 301



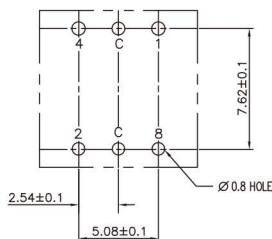
◆ 10 POS



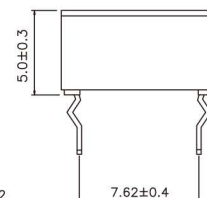
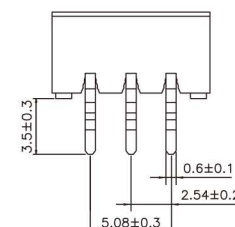
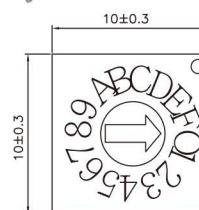
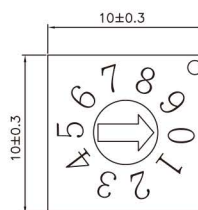
◆ 16 POS



		Real Code				
16 Position		C	1	2	4	8
	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●			●
	6	●		●	●	
	7	●	●	●		
	8	●				●
	9	●			●	
	10	●		●		●
	11	●	●			●
	12	●			●	●
	13	●	●		●	●
	14	●		●	●	●
	15	●	●	●	●	●



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Rotary Code Switch DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 66

Terminal: Phosphor Bronze, Gold Plated

Contact: Phosphor Bronze, Gold Plated

Cover: Nylon 66

Actuator: POM

PCB: Epoxy, Gold Plated

O-Ring: Silicone

6SRDS01-XXX XXX X X X 301

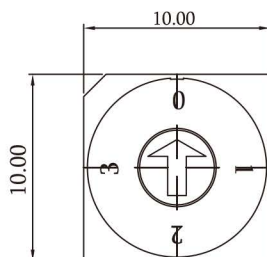
Series Code
065 (Only for 4POS)
138 (Only for 16POS)

Position
004: 4POS
016: 16POS

Base Color
B: Black

T: TUBE
E: W/O Peg
W: O Ground
W: O Shell

04 Position	Dezimal				
	C	1	2	3	4
0	●				●
1	●	●			
2	●		●		
3	●			●	

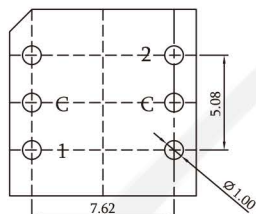


◆ 4 POS

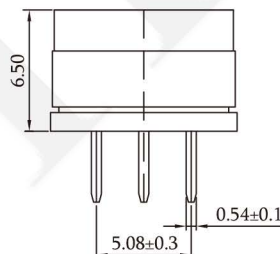
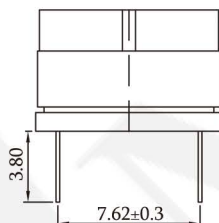


6SRDS01-065004 XXX 301

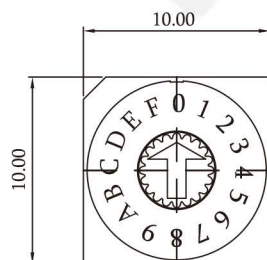
4 POS



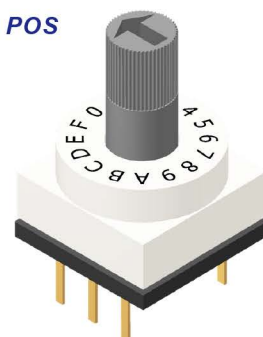
RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



16 Position	Complement Code							
	C	1	2	4	8			
0	●	●	●	●	●	0		
1	●	●	●	●	●	1		
2	●	●	●	●	●	2		
3	●	●	●	●	●	3		
4	●	●	●	●	●	4		
5	●	●	●	●	●	5		
6	●	●	●	●	●	6		
7	●	●	●	●	●	7		
8	●	●	●	●	●	8		
9	●	●	●	●	●	9		
10	●	●	●	●	●	A		
11	●	●	●	●	●	B		
12	●	●	●	●	●	C		
13	●	●	●	●	●	D		
14	●	●	●	●	●	E		
15	●	●	●	●	●	F		

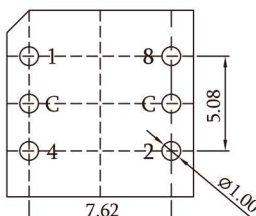


◆ 16 POS

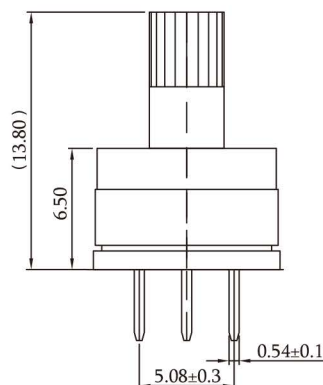
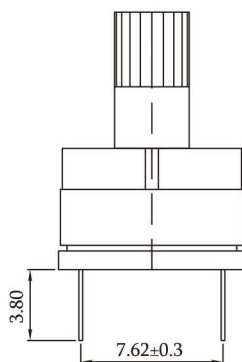


6SRDS01-138016 XXX 301

16 POS



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Rotary Code Switch DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 400mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 120gf±30gf

MATERIAL

Base: LCP

Terminal: Brass, Gold Plated

Contact: Beryllium Copper, Gold Plated

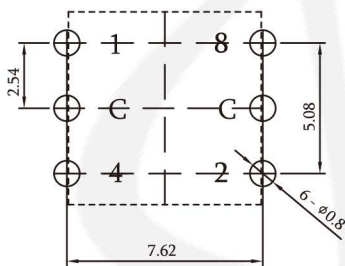
Cover: Stainless Steel

Actuator: LCP

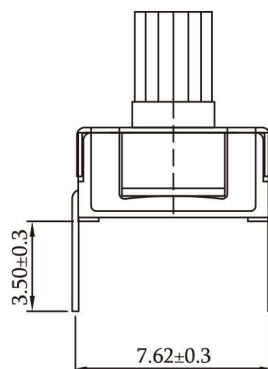
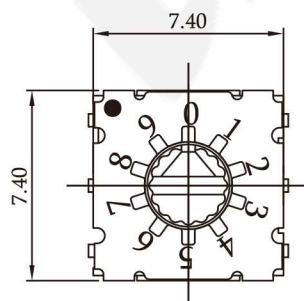
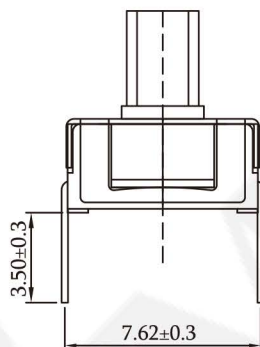
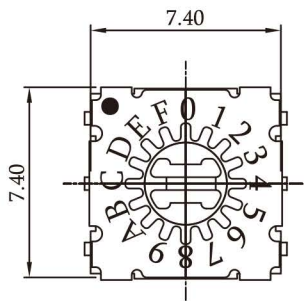
Spring: Stainless Steel

O-Ring: Silicone

		Complement Code					
		C	1	2	4	8	
16 Position	0	●	●	●	●	●	0
	1	●	●	●	●	●	1
	2	●	●	●	●	●	2
	3	●	●	●	●	●	3
	4	●	●	●	●	●	4
	5	●	●	●	●	●	5
	6	●	●	●	●	●	6
	7	●	●	●	●	●	7
	8	●	●	●	●	●	8
	9	●	●	●	●	●	9
	10	●	●	●	●	●	A
	11	●	●	●	●	●	B
	12	●	●	●	●	●	C
	13	●	●	●	●	●	D
	14	●	●	●	●	●	E
	15	●	●	●	●	●	F



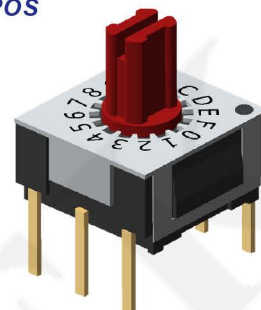
RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



6SRDS02-XXX XXX X X X 301

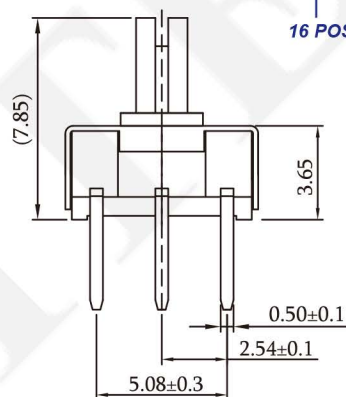
Series Code 078 (Only for 16POS) 081 (Only for 10POS)	Position 016:16POS 010:10POS	Base Color B:Black	T:TUBE N:W/O Peg W/O Ground With Shell
---	------------------------------------	-----------------------	---

◆ 16 POS

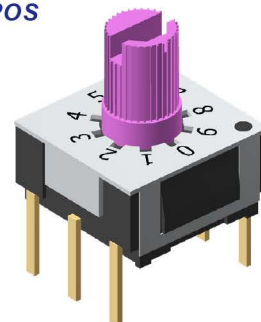


6SRDS02-078016 XXX 301

16 POS

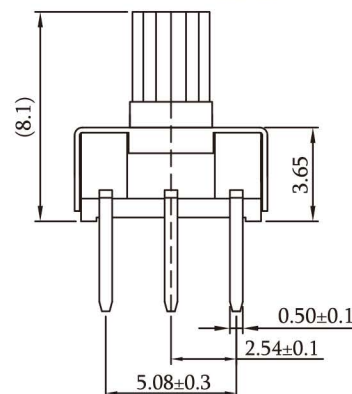


◆ 10 POS



6SRDS02-081010 XXX 301

10 POS



Rotary Code Switch DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 66

Terminal: Phosphor Bronze, Gold Plated

Contact: Phosphor Bronze, Gold Plated

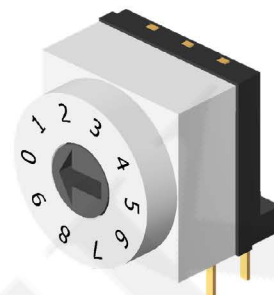
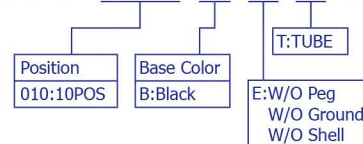
Cover: Nylon 66, Black

Actuator: POM

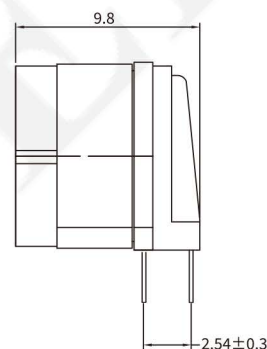
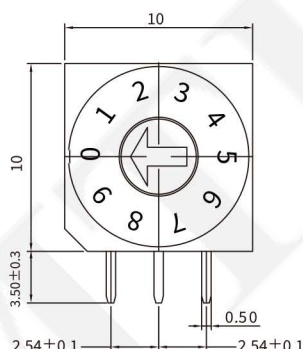
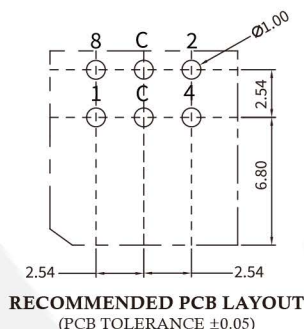
PCB: Epoxy, Gold Plated

O-Ring: Silicone

6SRDR01-098 XXX X X X 301



10 Position	Complement Code					
	C	1	2	4	8	
	0	●	●	●	●	0
	1	●		●	●	1
	2	●	●		●	2
	3	●			●	3
	4	●	●			4
	5	●		●		5
	6	●	●		●	6
	7	●			●	7
	8	●	●	●		8
	9	●		●		9



Rotary Code Switch DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 66, Black

Terminal: Phosphor Bronze, Gold Plated

Contact: Phosphor Bronze, Gold Plated

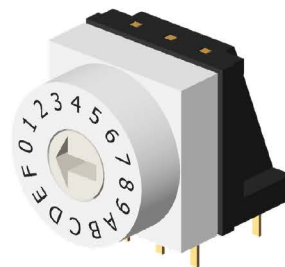
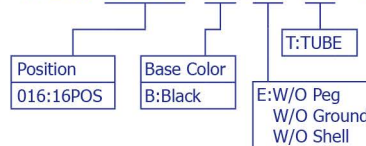
Cover: Nylon 66, Black

Actuator: POM

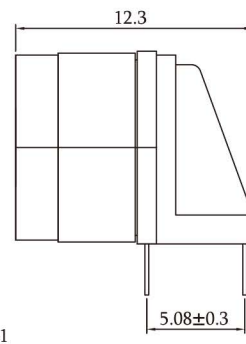
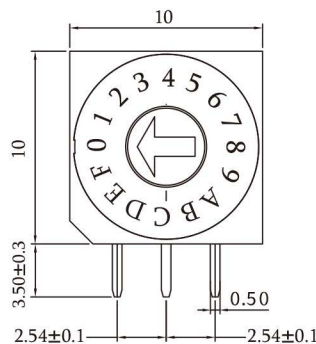
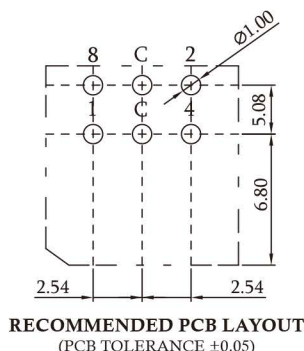
PCB: Epoxy, Gold Plated

O-Ring: Silicone

6SRDR02-123 XXX X X X 301



16 Position	Complement Code					
	C	1	2	4	8	
	0	●	●	●	●	0
	1	●		●	●	1
	2	●	●		●	2
	3	●			●	3
	4	●	●			4
	5	●		●		5
	6	●	●		●	6
	7	●			●	7
	8	●	●	●		8
	9	●		●		9
	10	●	●			A
	11	●		●		B
	12	●	●			C
	13	●		●		D
	14	●	●			E
	15	●		●		F



Rotary Code Switch DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 400mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 120±30gf

MATERIAL

Base: LCP

Terminal: Brass, Gold Plated

Contact: Beryllium Copper, Gold Plated

Cover: Stainless Steel

Actuator: LCP

Spring: Stainless Steel

O-Ring: Silicone

6SRDR03-XXX XXX X X X 301

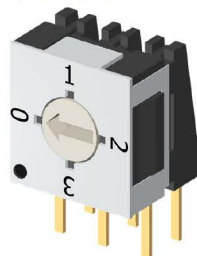
Series Code
058
084

Position
004:04POS
010:10POS
016:16POS

Base Color
B:Black

T:TUBE
N:W/O Peg W/O Ground With Shell

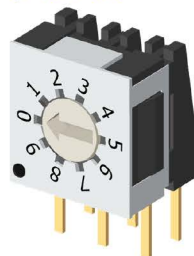
◆ 4 POS



6SRDR03-058004***

4 POS

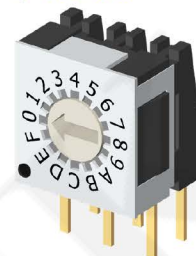
◆ 10 POS



6SRDR03-058010***

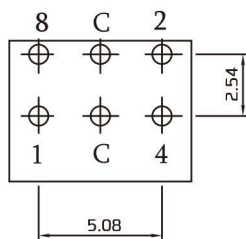
10 POS

◆ 16 POS



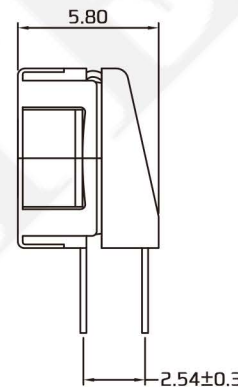
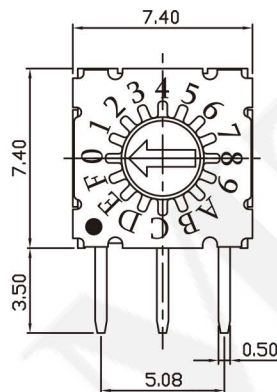
6SRDR03-058016***

16 POS



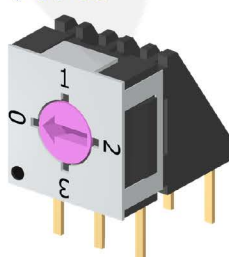
6SRDR03-058***

RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



16 Position	10 Position	04 Position	Complement Code						
			C	1	2	4	8		
		0	●						0
		1	●	●					1
		2	●		●				2
		3	●	●					3
		4	●			●			4
		5	●	●			●		5
		6	●		●		●		6
		7	●	●		●			7
		8	●					●	8
		9	●	●				●	9
		10	●		●			●	A
		11	●	●		●		●	B
		12	●				●	●	C
		13	●	●		●	●	●	D
		14	●		●		●	●	E
		15	●	●	●	●	●	●	F

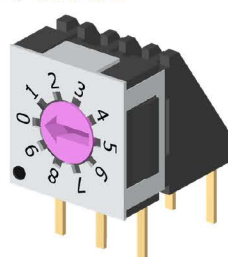
◆ 4 POS



6SRDR03-084004***

4 POS

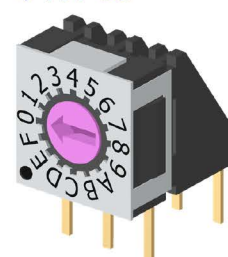
◆ 10 POS



6SRDR03-084010***

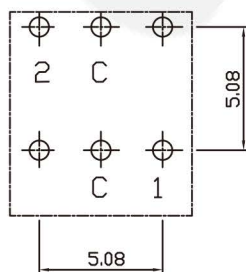
10 POS

◆ 16 POS



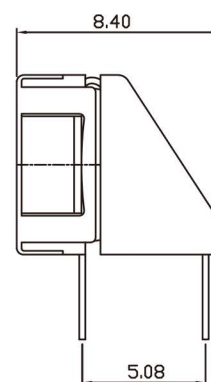
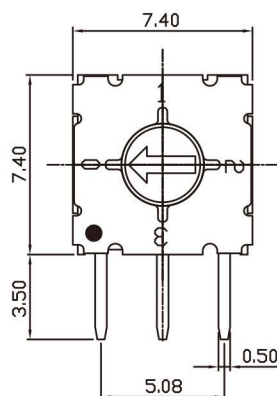
6SRDR03-084016***

16 POS



6SRDR03-084***

RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)





Rotary Code Switch DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 9T

Terminal: Phosphor Bronze, Tin Plated

Contact: Phosphor Bronze, Gold Plated

Cover: Nylon 9T

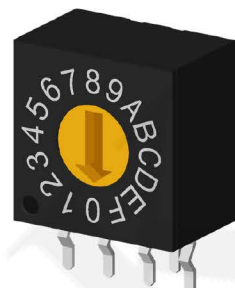
Actuator: Nylon 9T

Spring: Stainless Steel

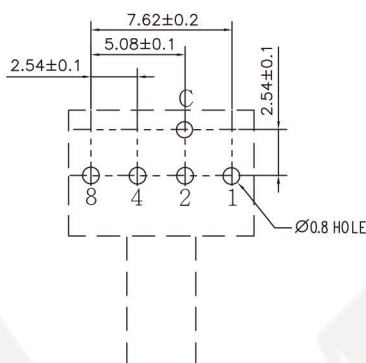
O-Ring: Silicone

6SRDR04-069 XXX X X X 301

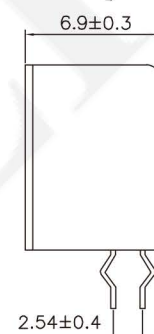
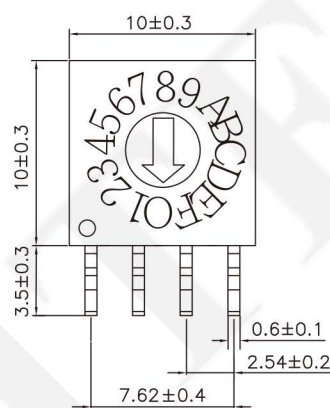
Position 016:16POS	Base Color B:Black	T:TUBE E:W/O Peg W/O Ground W/O Shell
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16 Position	Real Code					
	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●				●	5
6	●		●	●		6
7	●	●				7
8	●				●	8
9	●				●	9
10	●		●		●	A
11	●				●	B
12	●			●	●	C
13	●	●		●	●	D
14	●				●	E
15	●	●	●	●	●	F



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



Rotary Code Switch DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: AC250V (50Hz or 60Hz) /1MIN

Contact Rating { Switch: 150mA, 42VDC
NON-Switching: 200mA, 42VDC

Contact Resistance: 80mΩ MAX.

Insulation Resistance: 100MΩ MIN

Operating Force: 700gf MAX

MATERIAL

Base: Nylon 9T

Terminal: Phosphor Bronze, Tin Plated

Contact: Phosphor Bronze, Gold Plated

Cover: Nylon 9T

Actuator: Nylon 9T

Spring: Stainless Steel

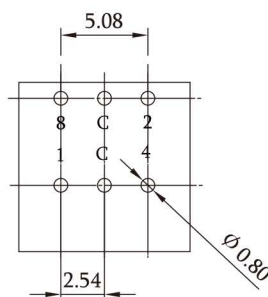
O-Ring: Silicone

6SRDR05-099 XXX X X X 301

Position 016:16POS	Base Color U:Blue B:Black	T:TUBE E:W/O Peg W/O Ground W/O Shell
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16 Position	Real Code					
	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●				●	5
6	●		●	●		6
7	●	●				7
8	●				●	8
9	●				●	9
A	●		●		●	A
B	●				●	B
C	●			●	●	C
D	●	●		●	●	D
E	●				●	E
F	●	●	●	●	●	F



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

