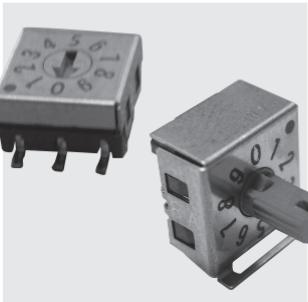


SMR・SMRR

7000C  
8000C

Washable



RoHS Compliant

Hyper-Miniature Dip Rotary Switches(7.5mm sq.)  
〔Surface Mount〕

■ Features

1. Hyper-miniature Size(7.5mm sq.)  
Designed for high density mounting.
2. Process Sealed
3. Gold Plated Contacts
4. Clearly Visible Legends and Position Indicator

■ Specifications

Rating	Switching	Max.	30mA 15VDC
		Min.	1μA 20mVDC
	Non-switching	100mA 50VDC	
Contact resistance		100mΩ maximum	
Dielectric strength		250VAC, 60s	
Insulation resistance		1,000MΩ minimum(100VDC)	
Load life		20,000 steps 30mA 15VDC	
Operating torque		49mN・m [500gf・cm] maximum	
Operating temperature range		-25～+85°C	
Storage temperature range		-40～+85°C	

■ Part Numbering

SMR

R

7

0

10

C

—

1E

Series code

Terminals

Actuators

Circuits

Number of positions

Structure

Packaging spec

None	Gull Wing	7	Screwdriver Actuator	0	Real code	10	10 positions	1	Stick-Tube
R	Right angle	8	Shaft Actuator	1	Complementary code	16	16 positions	1E	Taping

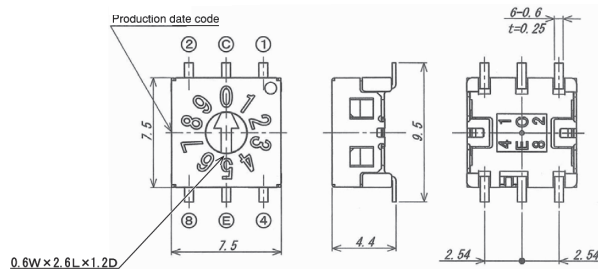
■ Table of Part Numbers

		Actuators	Screwdriver Actuator		Shaft Actuator	
		Terminals	Gull Wing	Right Angle	Gull Wing	Right Angle
Circuit function	Positions					
Real code	10		SMR7010C-1 SMR7010C-1E	SMRR7010C-1 SMRR7010C-1E	★ SMR8010C-1	★ SMRR8010C-1 ★ SMRR8010C-1E
	16		SMR7016C-1 SMR7016C-1E	SMRR7016C-1 SMRR7016C-1E	SMR8016C-1	★ SMRR8016C-1 ★ SMRR8016C-1E
Complementary code	10		SMR7110C-1 SMR7110C-1E	SMRR7110C-1 SMRR7110C-1E	SMR8110C-1	★ SMRR8110C-1 ★ SMRR8110C-1E
	16		SMR7116C-1 SMR7116C-1E	SMRR7116C-1 SMRR7116C-1E	★ SMR8116C-1	★ SMRR8116C-1 ★ SMRR8116C-1E

★ : Made-to-order products.

**SMR7010C-1(E)**  
**SMR7110C-1(E)**

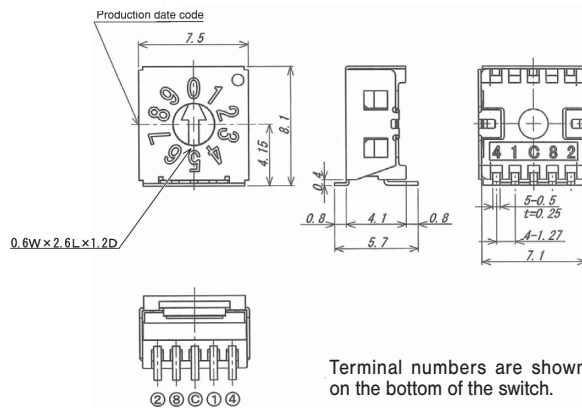

( Gull Wing )



Terminal numbers are shown on the bottom of the switch.

**SMRR7010C-1(E)**  
**SMRR7110C-1(E)**

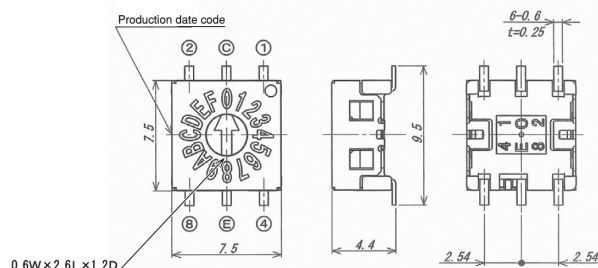

( Right Angle )



Terminal numbers are shown on the bottom of the switch.

**SMR7016C-1(E)**  
**SMR7116C-1(E)**

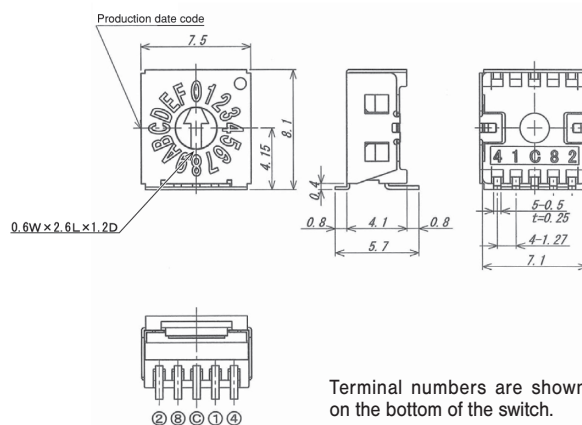

( Gull Wing )



Terminal numbers are shown on the bottom of the switch.

**SMRR7016C-1(E)**  
**SMRR7116C-1(E)**


( Right Angle )



Terminal numbers are shown on the bottom of the switch.

## ● Real code

Actuator color : Yellow

Part No.	Position	Terminal #			
		1	2	4	8
SMR7010C-1(E) SMRR7010C-1(E)	0				
	1	●			
	2		●		
	3	●	●		
	4			●	
	5	●		●	
	6		●	●	
	7	●	●	●	
	8				●
	9	●			●

## ● Complementary code

Actuator color : Red

Part No.	Position	Terminal #			
		1	2	4	8
SMR7110C-1(E) SMRR7110C-1(E)	0	●	●	●	●
	1		●	●	●
	2	●		●	●
	3			●	●
	4	●	●		●
	5		●		●
	6	●			●
	7				●
	8	●	●	●	
	9		●	●	

## ● Real code

Actuator color : Yellow

Part No.	Position	Terminal #			
		1	2	4	8
SMR7016C-1(E) SMRR7016C-1(E)	0				
	1	●			
	2		●		
	3	●	●		
	4			●	
	5	●		●	
	6		●	●	
	7	●	●	●	
	8				●
	9	●			●
	A		●		●
	B	●	●		●
	C			●	●
	D	●		●	●
	E		●	●	●
	F	●	●	●	●

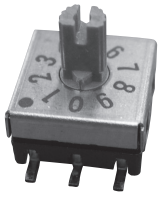
## ● Complementary code

Actuator color : Red

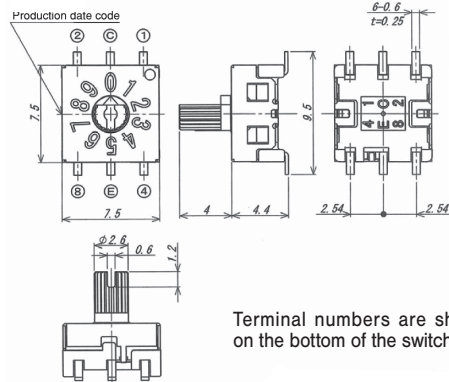
Part No.	Position	Terminal #			
		1	2	4	8
SMR7116C-1(E) SMRR7116C-1(E)	0	●	●	●	●
	1		●	●	●
	2	●		●	●
	3			●	●
	4	●	●		●
	5		●		●
	6	●			●
	7				●
	8	●	●	●	
	9		●	●	
	A	●		●	
	B			●	
	C	●	●		
	D		●		
	E	●			
	F				

Ⓔ : Terminal E is ground terminal

●...Connection to common (C).

**SMR8010C-1**  
**SMR8110C-1**


( Gull Wing )



## ● Real code

Actuator color : Yellow

Part No.	Position	Terminal #			
		1	2	4	8
<b>SMR8010C-1</b> <b>SMRR8010C-1(E)</b>	0				
	1	●			
	2		●		
	3	●	●		
	4			●	
	5	●		●	
	6		●	●	
	7	●	●	●	
	8				●
	9	●			●

## ● Complementary code

Actuator color : Red

Part No.	Position	Terminal #			
		1	2	4	8
<b>SMR8110C-1</b> <b>SMRR8110C-1(E)</b>	0	●	●	●	●
	1		●	●	●
	2	●		●	●
	3			●	●
	4	●	●		●
	5		●		●
	6	●			●
	7				●
	8	●	●	●	
	9		●	●	

## ● Real code

Actuator color : Yellow

Part No.	Position	Terminal #			
		1	2	4	8
<b>SMR8016C-1</b> <b>SMRR8016C-1(E)</b>	0				
	1	●			
	2		●		
	3	●	●		
	4			●	
	5	●		●	
	6		●	●	
	7	●	●	●	
	8				●
	9	●			●
	A		●		●
	B	●	●		●
	C			●	●
	D	●		●	●
	E		●	●	●
	F	●	●	●	●

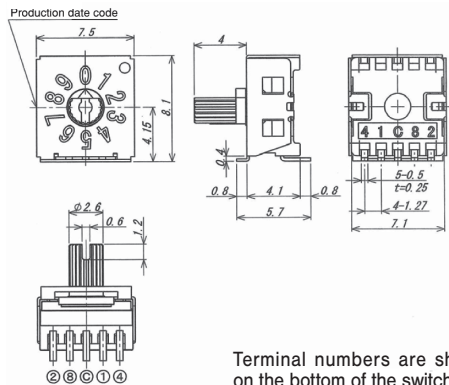
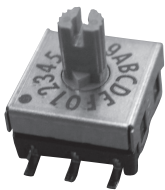
## ● Complementary code

Actuator color : Red

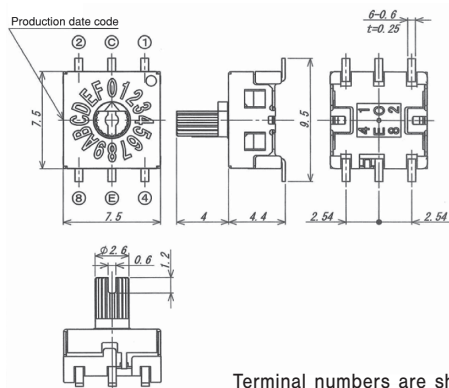
Part No.	Position	Terminal #			
		1	2	4	8
<b>SMR8116C-1</b> <b>SMRR8116C-1(E)</b>	0	●	●	●	●
	1		●	●	●
	2	●		●	●
	3			●	●
	4	●	●		●
	5		●		●
	6	●			●
	7				●
	8	●	●	●	
	9		●	●	
	A	●		●	
	B			●	
	C	●	●		
	D		●		
	E	●			
	F				

**SMRR8010C-1(E)**  
**SMRR8110C-1(E)**

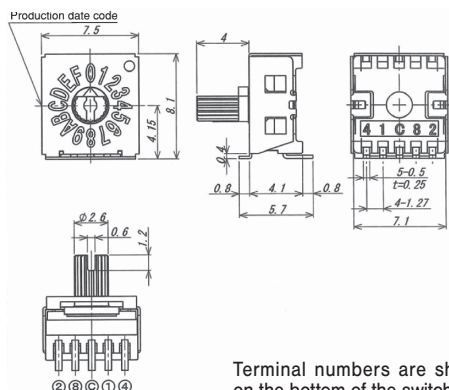

( Right Angle )


**SMR8016C-1**  
**SMR8116C-1**


( Gull Wing )


**SMRR8016C-1(E)**  
**SMRR8116C-1(E)**


( Right Angle )





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