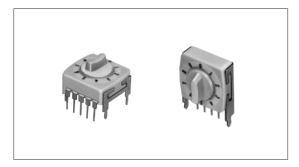


## Highly reliable gold-contact type for program coding.



#### **Features**

• Compact encoder for program coding in various digital circuits.

#### **Applications**

**Specifications** 

0.1A 6V DC/50 µA 3V DC

 $1\Omega$  max./ $1.5\Omega$  max.

10,000 cycles

10,000 cycles (0.1A 6V DC)

• For configuring program codes of peripheral antenna devices and home appliances

Detector

Push

Slide

**Rotary** 

### **Encoders**

Power

Package Type Multi Control Devices

Dual-in-line

TACT Switch™

Custom-**Products** 

#### Products Line

**Operating life** 

Typical Specifications

Rating (max.) / (min.) (Resistive load)

Without load

With load

Contact resistance (Initial performance/After lifetime)

Length of operating section (mm)	Torque (mN·m)	Operating direction	Output code	Positions	Step angle	Minimum packing unit (pcs.)	Products No.	Drawing No.	
4	5 to 25	Vertical	Binary	10	36°		SRRQVA0200	1 2	
				16	22° 30'	100	SRRQVG0100		
		Horizontal	(Positive)	10	36°	100	SRRQHA0300		
				16	22° 30'		SRRQHG0200	2	

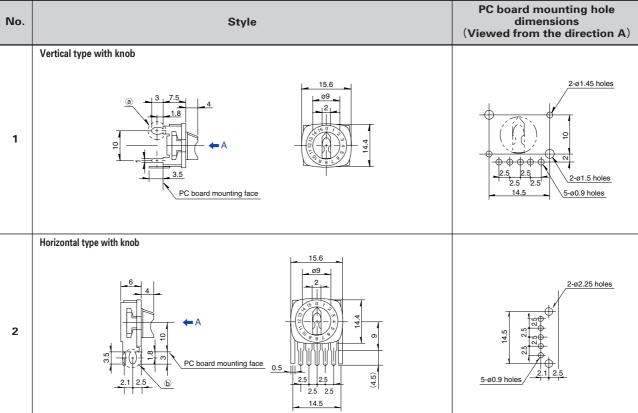
#### Note

Additional switches not included in the above list are also available. Contact us for details.

Incremental Type

Absolute Type

**Dimensions** Unit:mm



Detector

Push

Slide

Rotary

#### Encoders

Power

Dual-in-line Package Type

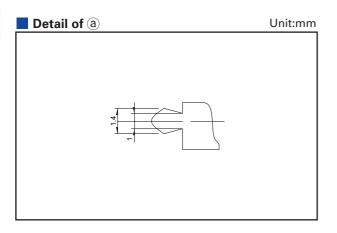
Multi Control Devices

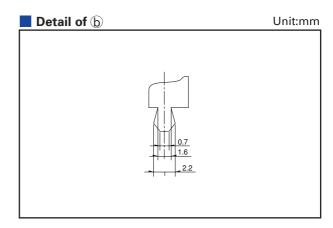
TACT Switch™

Custom-Products

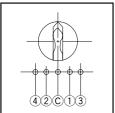
Incremental Type

Absolute Type





#### Standard Codes (Viewed from The Direction A)



N 1 ( N)																	
Number of positions																	16
To Positi			10														
Code	ninal Position	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1								•								
Dinama (Dagitiva)	2																
Binary (Positive)	3																
	4																

The marks shows the ON position.

# **Products Specifications**

Items		Series	SRRQ	SRGH	SRGA	SRGPHJ					
Opera	ating temperatur	re range	−10°C to +60°C								
Ratin	g (max.) (Resisti	ve load)	0.1A 6V DC	10mA 5V DC							
Initial contact resistance											
Electrical performance	Output	Shuttle part		4V min. at 1mA 5V DC (resistive load)							
	voltage	Jog part				Measuring derminal					
	Insulation	resistance	100MΩ min. 100V DC								
	Voltage	e proof	100V AC for 1 min.								
Mechanical performance	Rotation	al torque	Shall be in accordance with individual specifications.								
	Robustness	of terminal	5N for 1 min.								
	Robustness of	Rotational direction		0.6 N • m							
	actuator	Push direction	5N								
	Vibra	ation	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively								
		Manual soldering	300±10℃, 3 <sup>+1</sup> <sub>0</sub> s	300±10℃, 3 <sup>+1</sup> <sub>0</sub> s							
	Resistance to soldering heat	Dip soldering			260±5℃, 5±1s						
		Reflow soldering			150℃ 2min max. 220℃ 30s max.						
	Operating life	without load			Shuttle part:50,000 cycles Jog part:100,000 cycles						
Durability	Operating li	fe with load s rating			Shuttle part:50,000 cycles Jog part:100,000 cycles						
Cold			-20±2℃ for 96h								
Environmental performance	Dry	heat	85±2℃ for 96h								
	Damp	heat	40±2℃, 90 to 95%RH for 96h								

Note

Shall be in accordance with individual specifications.

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line

Package Type
Multi Control
Devices

TACT Switch™

Custom-Products

Incremental Type

Absolute Type