

- Improved solder heat resistance (reflow peak solder temperature: 260 °C).
- Flat/Extended-actuator models available.
- Two different terminal arrangements allow the flexibility.

Type (actuator color)			Top-actuated, flat (white)		Top-actuated, extended actuator (white)	
			Tube packaging	Embossed taping	Tube packaging	Embossed taping
			Quantity per tube	Quantity per reel	Quantity per tube	Quantity per reel
Number of positions	Terminal arrangement	Output code				
10	4 × 1	BCD Decimal	48	750	48	250
	3 × 3					
16	4 × 1	BCD Hexadecimal	48	750	48	250
	3 × 3					

16-position Models

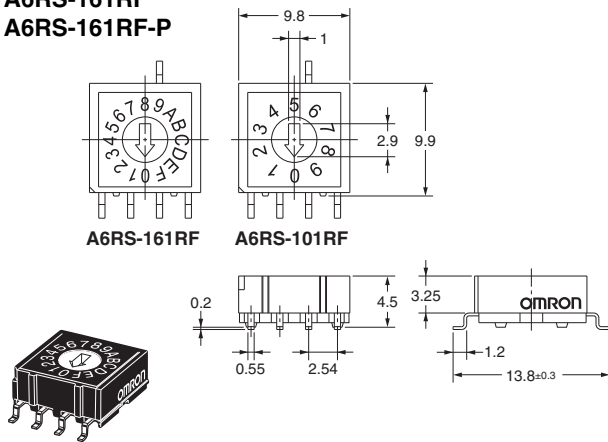
Code Position	BCD Hexadecimal code			
	1	2	4	8
0				
1	●			
2		●		
3	●	●		
4			●	
5	●		●	
6		●	●	
7	●	●	●	
8				●
9	●			●
A		●		●
B	●	●		●
C			●	●
D	●		●	●
E		●	●	●
F	●	●	●	●

1

■Dimensions (Unit: mm)

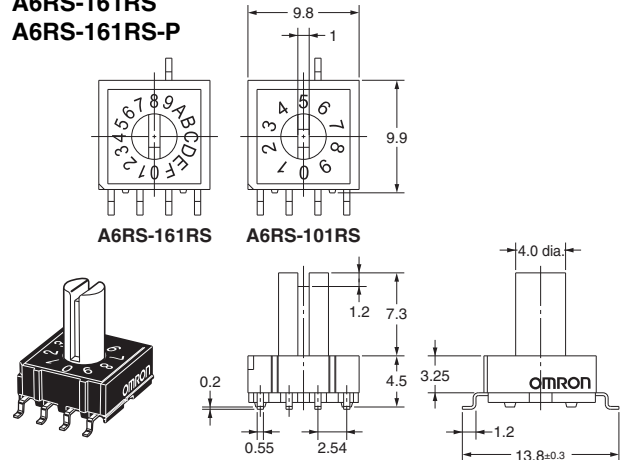
● Top-actuated Flat Models with 4×1 Terminal Arrangement

A6RS-101RF
A6RS-101RF-P
A6RS-161RF
A6RS-161RF-P



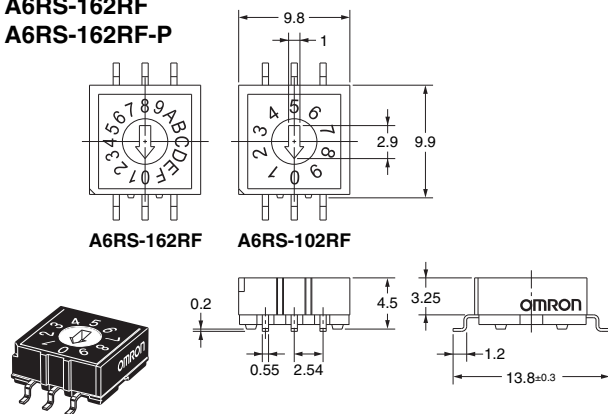
● Top-actuated Extended-actuator Models with 4×1 Terminal Arrangement

A6RS-101RS
A6RS-101RS-P
A6RS-161RS
A6RS-161RS-P



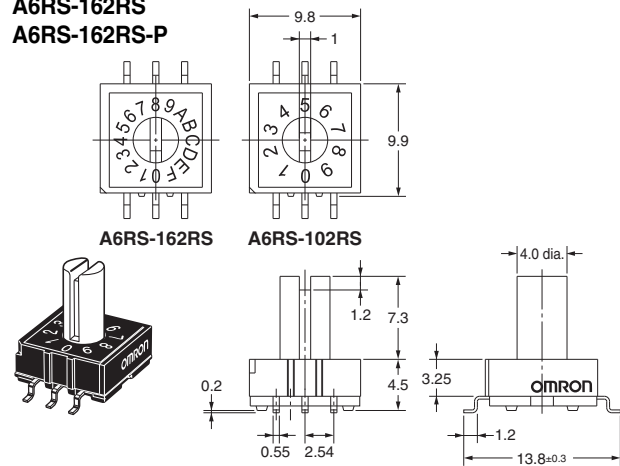
● Top-actuated Flat Models with 3×3 Terminal Arrangement

A6RS-102RF
A6RS-102RF-P
A6RS-162RF
A6RS-162RF-P



● Top-actuated Extended-actuator Models with 3×3 Terminal Arrangement

A6RS-102RS
A6RS-102RS-P
A6RS-162RS
A6RS-162RS-P

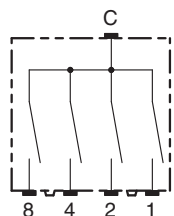


Note: Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

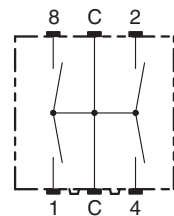
■Internal Connections

Contact Form (Top View)

4×1 Terminal Arrangement

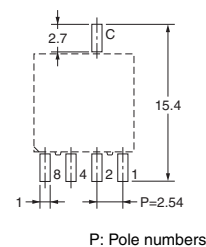


3×3 Terminal Arrangement



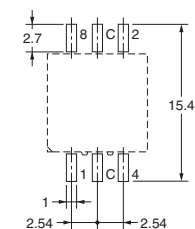
■PCB Dimensions (Top View)

4×1 Terminal Arrangement



P: Pole numbers

3×3 Terminal Arrangement



■Precautions

Be sure to read the Safety precautions common to all DIP Switches for correct use.

- Application examples provided in this document are for reference only. In actual applications, confirm equipment functions and safety before using the product.
- Consult your OMRON representative before using the product under conditions which are not described in the manual or applying the product to nuclear control systems, railroad systems, aviation systems, vehicles, combustion systems, medical equipment, amusement machines, safety equipment, and other systems or equipment that may have a serious influence on lives and property if used improperly. Make sure that the ratings and performance characteristics of the product provide a margin of safety for the system or equipment, and be sure to provide the system or equipment with double safety mechanisms.

Note: Do not use this document to operate the Unit.

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