

DIP Switch

KY

Series

2,4,6,8,10

Poles

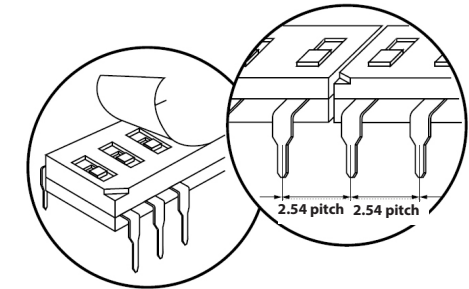
DIP Slide

Through Hole • SMD

Slide Type/ SMD

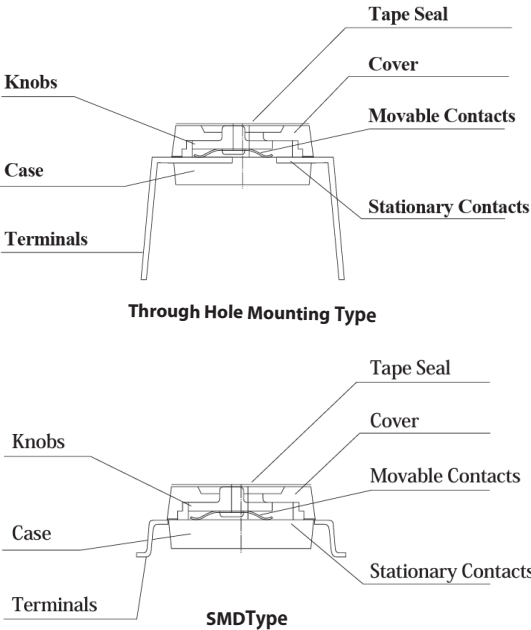


Slide Type/
Through Hole Mounting



- Outline of the Series
- This ultra-low-profile slide-type switch supports end-to-end mounting, making multi-pole configurations easy.
- Features of the Series
- Ultra-compact internal mechanism enables end-stackable configuration (continuous mounting along the longitudinal direction).
 - Maintains a 2.54 mm pitch while allowing multi-pole combinations such as 16 and 24 positions.
 - Ultra-thin design with a thickness of only 2.6 mm.
 - Gold-plated contacts are provided as a standard finish.
 - All models come with tape sealing, making them compatible with automatic cleaning.
 - The Series are RoHS (2011/65/EU) compliant.

Structure



Common Specifications

Ratings	DC24V 25mA
Contact Resistance	100 mΩ Max. (Initial value)
Withstanding Voltage	AC300V 1 Minute
Insulating Resistance	100MΩ Min.
Electrical Life	1,000 times
Operating Temperature Range	-30℃～+85℃
Storage Temperature Range	-30℃～+85℃
Operating Force	5.9N Max.
Number of Re-flow	2 times Max.

Specifications of Materials		
Part Name	Materials	Finish
Knob	LCP	White
Cover	PPS	Black
Case	PPS	Black
Terminals (excl. Contacts)	Copper Alloy	Gold Flash
Movable Plate (Movable Contact)	Copper Alloy	Gold Plating
Fixed Plate (Fixed Contact)	Copper Alloy	Gold Plating

* For products other than those listed above or for custom items, please

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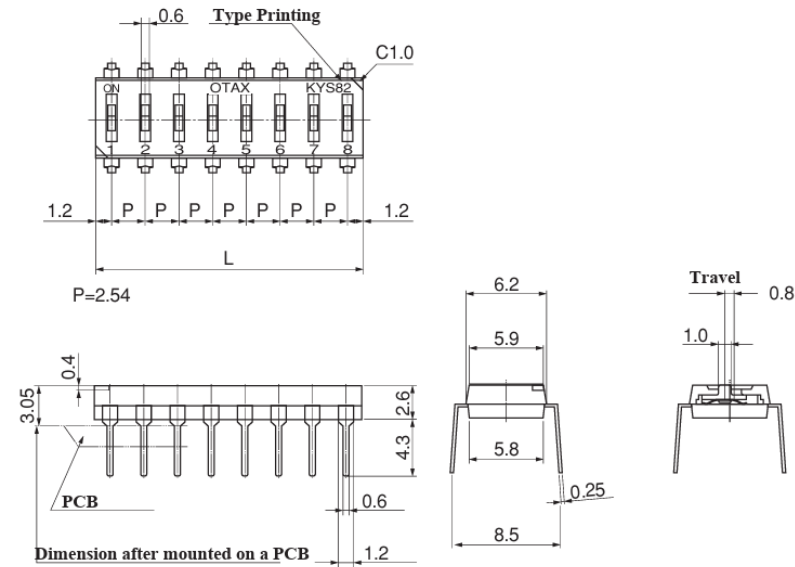
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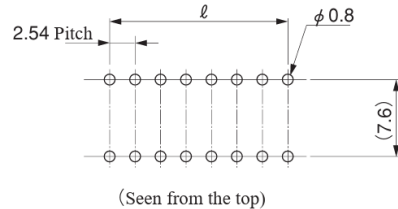
Product Designations					
Series Name	Shape of Operational-part	Poles	Type of Terminals	Package	
K	Y	S	8	2	S
Shape of Operational-part		Symbol		Type of Terminals	
Slide		S		Through Hole Mounting	
				SMD	
				(none)	
				S	
				Package	
				Magazine	
				(none)	
				Tape-reel (SMD only)	
				E	

Standard Dimensions (Through Hole MountingType)

Slide Type KYS



Mounting Hole Dimensions



Product Names and Dimensions

Product Name	Poles	L (mm)	ℓ (mm)
KYS22	2	4.94	2.54
KYS42	4	10.02	7.62
KYS62	6	15.10	12.70
KYS82	8	20.18	17.78
KYS102	10	25.26	22.86

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※ Regarding the Soldering Conditions, please refer to [the separate data sheet](#). (Hand Soldering Condition is B.)

1. Cleaning agents such as alcohol-based, petroleum-based, ketone-based, and chlorine-based solvents can be used.
2. The conditions for reflow soldering may vary depending on the dimensions of the printed circuit board and the assembly density in the actual production process. Please refer to the temperature profile in the separate datasheet in advance, and confirm the surface temperature and soldering condition of the mounted product before use.

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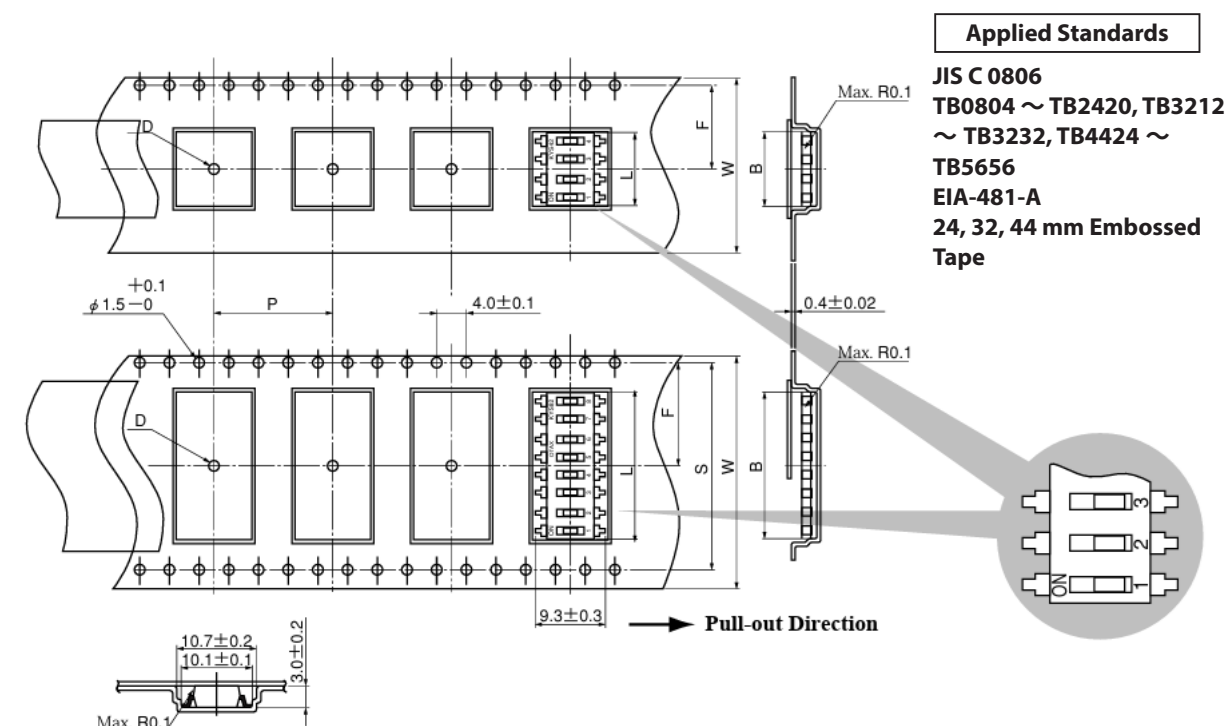
2,4,6,8,10
Poles

Through Hole • SMD

Poles	Q'ty per 1 Magazine (pcs)	Q'ty of Magazine per 1 Box (pcs)	Total Q'ty per 1 box
2	90	60	5,400
4	40	60	2,400
6	30	60	1,800
8	20	60	1,200
10	15	67	1,000 (The last Magazine contains only 10 pcs.)

Poles	Total Q'ty per 1 Reel (pcs)
2	1,000
4	1,000
6	1,000
8	1,000
10	800

Gull-wing Terminals



Poles	W±0.3	S±0.1	F±0.1	B±0.1	L±0.5	D+0.1/-0	P±0.1
2	24.0		11.5	5.3	4.94	φ150	16.0
4				10.4	10.02		
6				15.4	15.10		
8	32.0	28.4	14.2	20.5	20.18	φ200	24.0
10	44.0	40.4	20.2	25.6	25.26		

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