

DIP
SwitchKHP
Series

DIP Piano

SMD

2, 4, 6, 8, 10
Poles

PianoType/ SMD



Outline of the Series

This is an ultra-compact piano-type DIP switch with half-pitch spacing, suitable for high-density mounting.

Features of the Series

1. Achieves ultra-miniaturization with a half-pitch ($P = 1.27$ mm) through a highly compact internal mechanism.
2. Enables high-density mounting (approximately 40% of the volume of our conventional 8-pole model).
3. Contacts feature a twin-contact gold-plated structure for high contact reliability as a standard specification.
4. Available in both tape-and-reel and magazine packaging formats.

Common Specifications

Ratings	DC24V 25mA
Contact Resistance	100 mΩ Max. (Initial value)
Withstanding Voltage	AC300V 1 Minute
Insulating Resistance	100MΩMin.
Electrical Life	1,000 times
Operating Temperature Range	-30°C ~ +85°C
Storing Temperature Range	-40°C ~ +85°C
Storage Humidity Range	85%RHMax., No-condensation
Operating Force	4.9N Max.
Number of Re-flow	2 times max.

Specifications of Materials

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

Product Designations

Series Name

Shape of Operational-part

Poles

Package

K

H

P

8

2

C

Shape of Operational-part

Symbol

Poles

Symbol

Package

Symbol

Piano

P

2

22

Magazine

C

4

42

Tape-reel (1,000 pcs / reel)

E

6

62

8

82

10

102

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

OTAX Co., Ltd.
1215, Nippacho, Kohoku-ward,
Yokohama, Kanagawa, 223-8558 Japan



TEL: +81-45-543-5621 (Representative)
Mail: sales@otax.co.jp
HP: <https://www.otax-en.com/>

DIP
SwitchKHP
Series

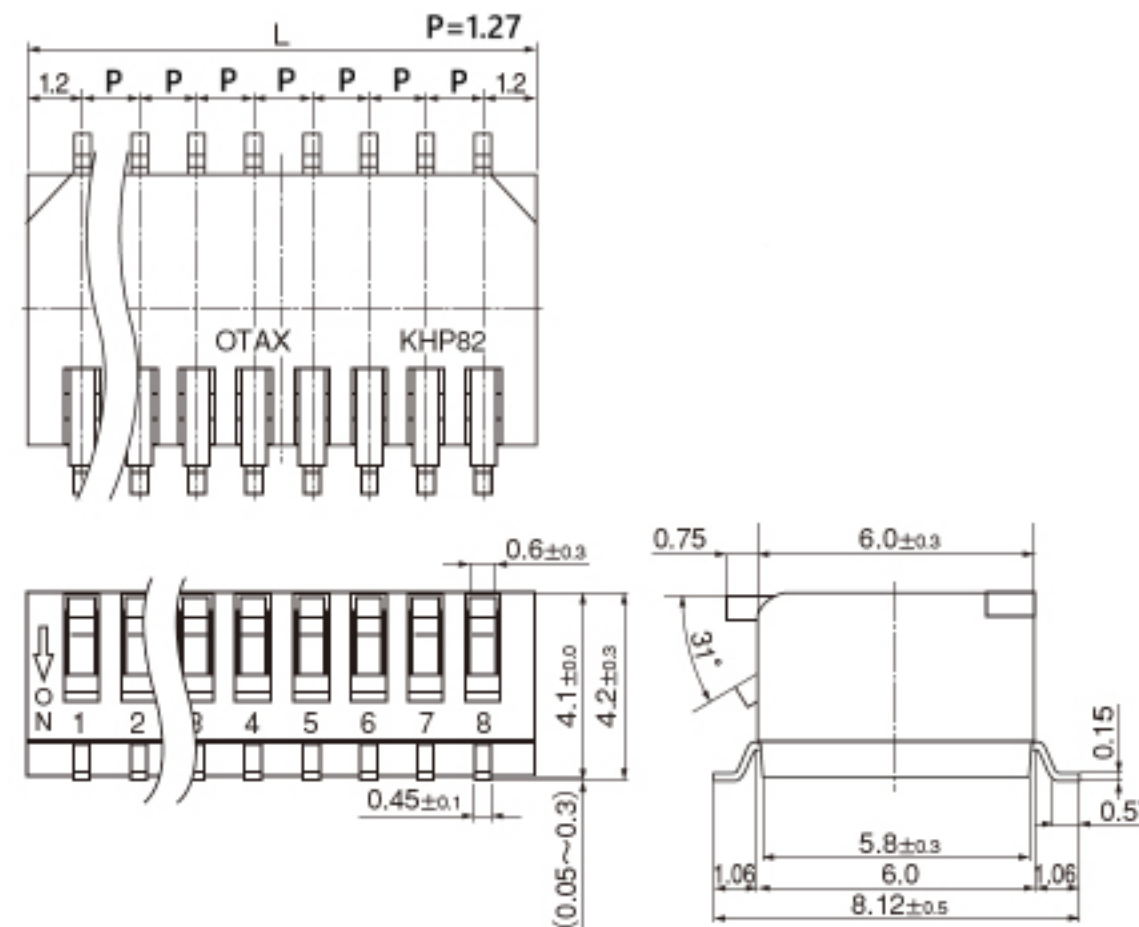
DIP Piano

SMD

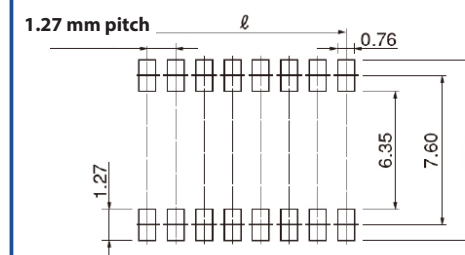
2, 4, 6, 8, 10
Poles

Standard Dimensions

KHP □□□



Mounting Land Dimensions



Product Names and Dimensions

品名	Poles	L (mm)	ℓ (mm)
KHP22 □	2	3.67	1.27
KHP42 □	4	6.21	3.81
KHP62 □	6	8.75	6.35
KHP82 □	8	11.29	8.89
KHP102 □	10	13.83	11.43

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

OTAX Co., Ltd.
1215, Nippacho, Kohoku-ward,
Yokohama, Kanagawa, 223-8558 Japan



TEL: +81-45-543-5621 (Representative)
Mail: sales@otax.co.jp
HP: <https://www.otax-en.com/>

