

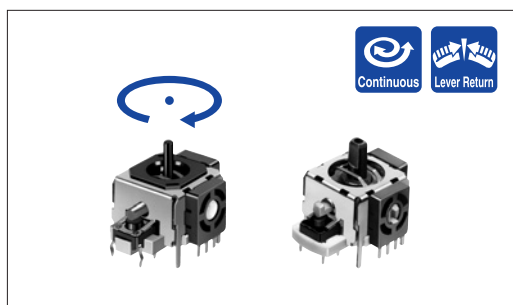
Multi Control Devices

Stick Controller

RKJXK/RKJXP Series



Compact size, standard type. Also available with lever return mechanism



Features

- Superior operational feeling free from gaps in operating directions. Ideal for finger-tip operation.
- Integrated TACT Switch™ for selection contributes to the improvement of user-friendliness of the set.

Applications

- Remote controllers for audio systems and TVs
- For game controllers and electronic toy controllers

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package Type

Multi Control
Devices

TACT Switch™

Custom-
Products

Variable
Resistor Type

Switch
Type

Typical Specifications (Potentionmeter)

Items	RKJXK	RKJXP
Rated power	0.0125W	
Maximum operating voltage	50V AC, 5V DC	
Operating force	8mN・m max. (Not lever reset) 6±4mN・m (Lever reset type)	17±10mN・m
Operating life	100,000cycles	2,000,000cycles

Typical Specifications (Center Push)

Characteristics	RKJXK	RKJXP
Ratings (max.)	50mA 12V DC	
Operating force	5.2±2.6N	6.4 ^{+3.4} _{-2.6} N
Travel	0.5 ^{+0.5} _{-0.4} mm	
Operating life	100,000cycles	1,000,000cycles

Standard Product List (Recommended Products)

Standard Product List (Recommended Products)								
Lever return mechanism	Center-push	Total resistance (kΩ)	Resistance taper	Minimum packing unit (pcs.)	Product No.	Drawing No.		
Without	Without	10	B (0B)	500	RKJXK1210002	1		
With					RKJXK122000D			
	With				RKJXK122400Y	2		
					700	RKJXP1224002	3	

Refer to P.285 for product specifications.

Dimensions

Unit:mm

No.	Photo	Style	PC board hole mounting hole dimensions (Viewed from mounting side)
1			
2			
3			

Product Specifications

Items			RKJXK	RKJXP
Operating temperature range			-10℃ to +70℃	
Electrical performance	Rated power		0.0125W	
	Directional resolution		Continuous	
	Insulation resistance		100MΩ min. 250V DC	
	Voltage proof		250V AC for 1minute	
Mechanical performance	Directional operating force		8mN・m max. Without Lever return type 6±4mN・m Lever reset type	17±10mN・m
	Push operating force		5.2±2.6N	6.4 ^{+3.4} _{-2.6} N
	Solder heat resistance	Manual soldering	300℃ max. 3s max.	
		Dip soldering	260±5℃, 5±1s	
Slider noise			300mV max. by JIS method	
Lever stopper strength			0.3N・m	————
Lever play			5°max.	
Lever strength			50N min. (Push/Pull)	98N min. (Push) 50N min. (Pull)
Endurance	Operating life	Directional	100,000cycles	2,000,000cycles
		Center push	100,000cycles	1,000,000cycles
Environmental test	Cold		-30±2℃ for 96h	
	Dry heat		80±2℃ for 96h	
	Damp heat		60±2℃, 90 to 95%RH for 96h	

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package TypeMulti Control
Devices

TACT Switch™

Custom-
ProductsVariable
Resistor TypeSwitch
Type