45mm Size LED Illuminated Ring Type

This LED illuminated ring potentiometer is best suited for knob design of various set devices







■ Typical Specifications

Items	Specifications
Contact resistance	±20%
Maximum operating voltage	50V AC, 30V DC
Detent torque	220°±5° (Customizable up to 290°)
Operating life	30,000 cycles
Operating temperature range	−40°C to +85°C

Product Line

Rotational	Number of	Detent torque		LED Total resistance	Resistance taper	Minimum order unit (pcs.)		Product No.
angle po	positions	(mN·m)				Japan	Export	Troductivo.
220°±5°	17	40±16	Red	5kΩ	В	200	400	RK45C1A00003

Notes

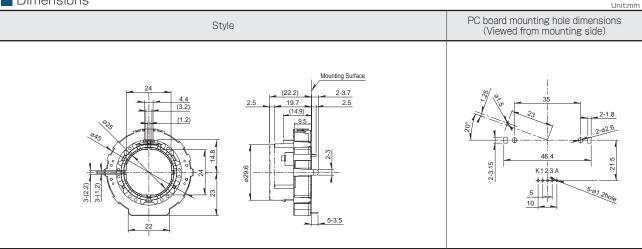
- 1. Other varieties are also available. Please inquire.
- 2. We can also provide LED colors other than the above mentioned. Please contact us if required.

Packing Specifications

Tray

Number of pa	Export package measurements (mm)		
1 case / Japan	1 case / Japan 1 case / export packing		
200	400	540×360×380	

Dimensions



Туре			39mm size	45mm size		
Series			RK39A	RK45C		
			Single-unit	Single-unit		
Photo						
	Features	3	LED illuminate			
		W	39	45		
Dimension: (mm)	S	D	39.5	45.5		
		Н	8.5	9.5		
Operation	ng tempera	ture range	−40°C t	o +85°C		
	Operating I	ife	30,000	cycles		
Automotive use		use	•	•		
Life cycle		9	* 2	★ 2		
	re	Total sistance (k Ω)	5			
	Resistance taper		В			
Electrical performance		Rated power	0.0	5W		
	Insu	lation resistance	10MΩ min. 50V DC			
	١	Voltage proof	50V AC for 1minute			
	[Detent torque	40±16mN·m 50±20mN·m	40±16mN·m		
		Number of positions	6, 17	17		
Mechanical performance		opper strength	1N·m			
	Pu	sh-pull strength	100N (Push), 50N (Pull)			
Vibration			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			
Terminal type		pe	Insertion			
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Note

• Indicates applicability to all products in the series.

Ring Type Potentiometers / Soldering Conditions

■ Reference for Manual Soldering

Series	Tip temperature	Soldering time	No. of solders	
RK39A, RK45C	350℃ max.	3s max.	1 time	

Reference for Dip Soldering

Series	Preheating		Dip soldering		No. of solders
	Soldering surface temperature	Heating time	Soldering temperature	Soldering time	110. 01 3010613
RK39A, RK45C	100°C max.	2 min. max.	260°C max.	5s max.	2 time max.