





Ring Type Potentiometers

List of Varieties

Type		39mm size	45mm size
Series		RK39A	RK45C
		Single-unit	Single-unit
Photo			
Features		LED illuminate	
Dimensions (mm)	W	39	45
	D	39.5	45.5
	H	8.5	9.5
Operating temperature range		-40°C to +85°C	
Operating life		30,000 cycles	
Automotive use		●	●
Life cycle			
Electrical performance	Total resistance (k Ω)	5	
	Resistance taper	B	
	Rated power	0.05W	
	Insulation resistance	10MΩ min. 50V DC	
	Voltage proof	50V AC for 1minute	
Mechanical performance	Detent torque	40±16mN·m 50±20mN·m	40±16mN·m
	Number of positions	6, 17	17
	Stopper strength	1N·m	
	Push-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		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°C 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	
RK39A, RK45C	100°C max.	2 min. max.	260°C max.	5s max.	2 time max.

Rotary Potentiometers

Slide Potentiometers

Metal Shaft

Insulated Shaft

Knob Operating

Through Shaft Type

Ring Type