

Rotary Potentiometer > RK12L Series > RK12L1230C0K

Series Common Info

12mm Size Insulated Shaft Snap-in Type RK12L Series

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PRINT

Part number		RK12L1230C0K
Number of resistor elements		Dual-unit
Mounting direction		Vertical type
Shaft types		Flat
Length of the shaft LM1		20mm
Center detent		Without
Total resistance		50kΩ
Resistance taper		1B
Operating temperature range		-10℃ to +70℃
Electrical Performance	Total resistance tolerance	±20%
	Rated power	0.05W
	Maximum operating voltage	50V AC for AC only
	Gang error	Within 2dB at center
	Insulation resistance	100MΩ min. 250V DC
	Voltage proof	300V AC for 1 minute
Mechanical Performance	Total rotational angle	300°±5°
	Rotational torque	2 to 15mN·m
	Stopper strength	0.5N·m
	Push-pull strength	80N max.
	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 and for 2 hours respectively
Durability	Operating life	15,000 cycles
Minimum order unit (pcs.)	Japan	1,000
	Export	2,000

Technical drawing of the LM1 motor showing side and front views with dimensions and a dimension table.

Unit : mm

LM1	20
ℓ_1	7

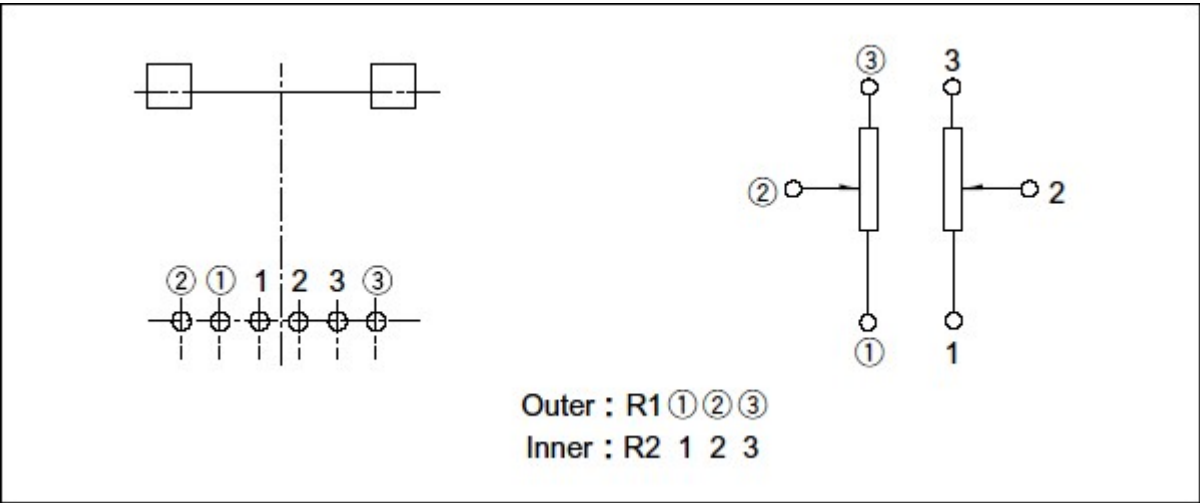
Side view dimensions: (8.6), LM1, ℓ_1 , 5.4, 5.5, 2, 0.6, (3.2), (3.5), Mounting surface, R3, 4.5, $\phi 6$.

Front view dimensions: 12, 60°, 6, 9.5, 0.3, (13).

Shaft shown in full CCW position

Viewed from mounting side.

Terminal Layout / Circuit Diagram



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	1,000
	1 case / export packing	2,000
Export package measurements (mm)		374×532×240

Soldering Conditions

Reference for Dip Soldering

Preheating	Soldering surface temperature	100℃ max.
	Heating time	1 min. max.
Dip soldering	Soldering temperature	260℃ max.
	Soldering time	5s max.
No. of solders		2 time max.

Reference for Hand Soldering

Tip temperature	350℃ max.
Soldering time	3s max.
No. of solders	1 time

Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).

3. Products other than those listed in above products are also available. Please contact us for details.

Inquiries about Products



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