

12mm Size Insulated Shaft Snap-in Type RK12L Series

[Photo](#) |
 [Dimensions](#) |
 [Mounting Hole Dimensions](#) |
 [Terminal Layout / Circuit Diagram](#) |
 [Packing Specifications](#) |
 [Soldering Conditions](#) |

PRINT

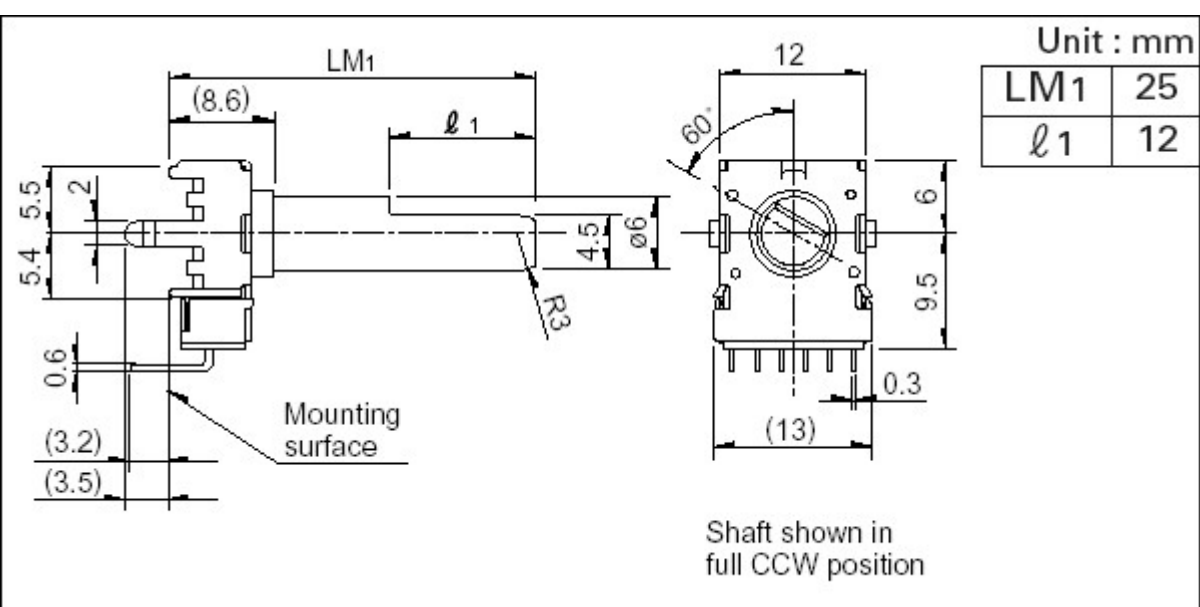
Part number		RK12L1230C1M
Number of resistor elements		Dual-unit
Mounting direction		Vertical type
Shaft types		Flat
Length of the shaft LM1		25mm
Center detent		With
Total resistance		20kΩ
Resistance taper		1B
Operating temperature range		-10 to +70
Electrical Performance	Total resistance tolerance	±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	800
	Export	1,600



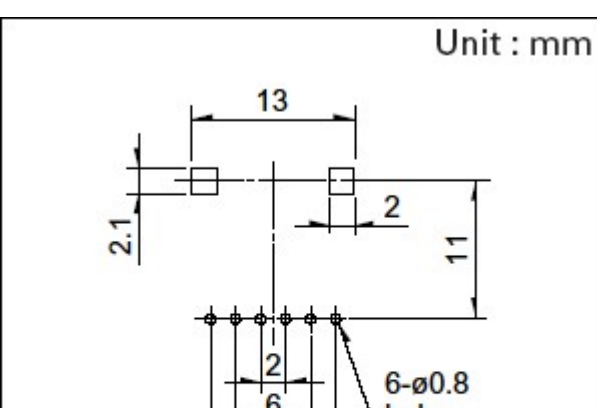
Photo

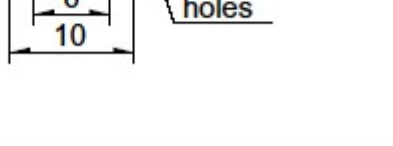


Dimensions



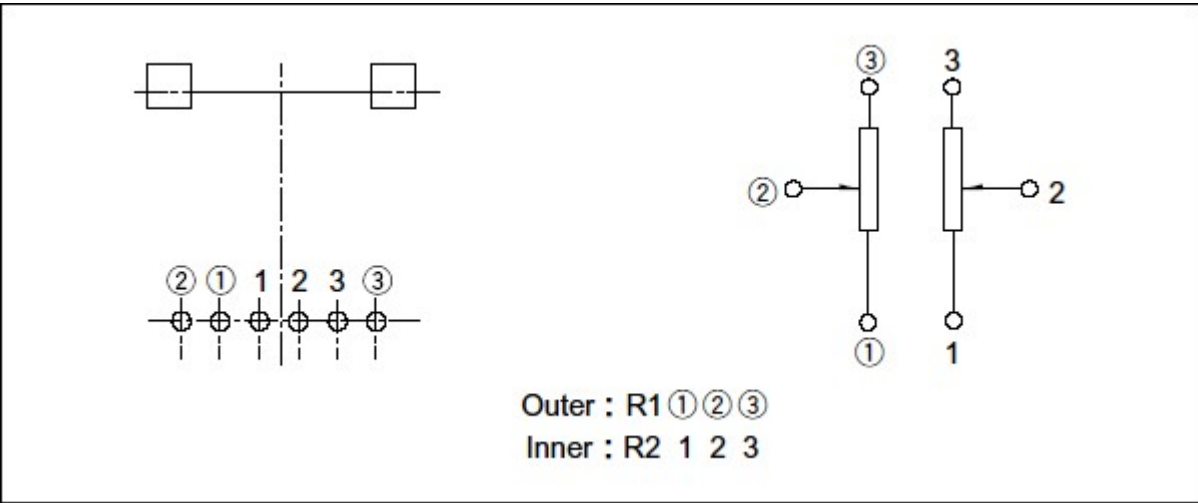
Mounting Hole Dimensions





Viewed from mounting side.

Terminal Layout / Circuit Diagram



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	800
	1 case / export packing	1,600
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.