

10mm Thin Micro Potentiometer

Application

- ✓ TV/Video, Audio, Home appliance, Musical Instruments, Industrial control

Feature

- ✓ Low-profile



■Specification

Rated Power	0.03W
Total Resistance Tolerance	±20%
Insulation Resistance	100MΩ min. at DC100V
Dielectric Strength	AC100V for 1 minute
Total Rotational Angle	270±5°
Rotational Torque	10-100 gf.cm
Rotation Life	10,000 cycles

■How to order

RV100F-30 – 6K1B - B10K – B301

[Model](#)

[Knob Type](#)

Taper and Resistance Value

Ex:

Order Code	Taper	Resistance Value
A100K	Audio/Log/A	100KΩ
B1M	Linear/B	1MΩ
C500K	Rev-log/C	500KΩ

Taper: A, B and C

Resistance Value: 1KΩ to 500KΩ and 1MΩ

*Contact us for other requirements.

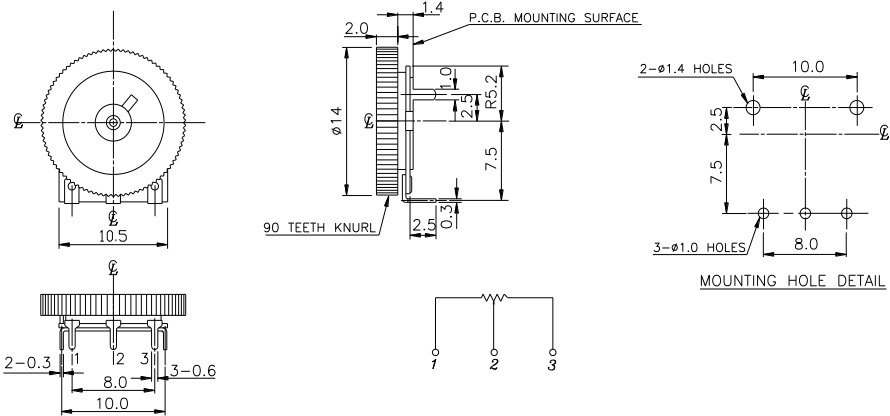
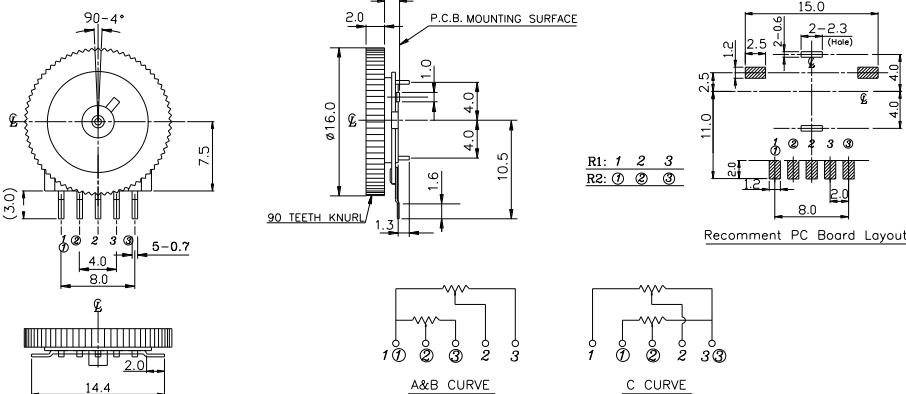
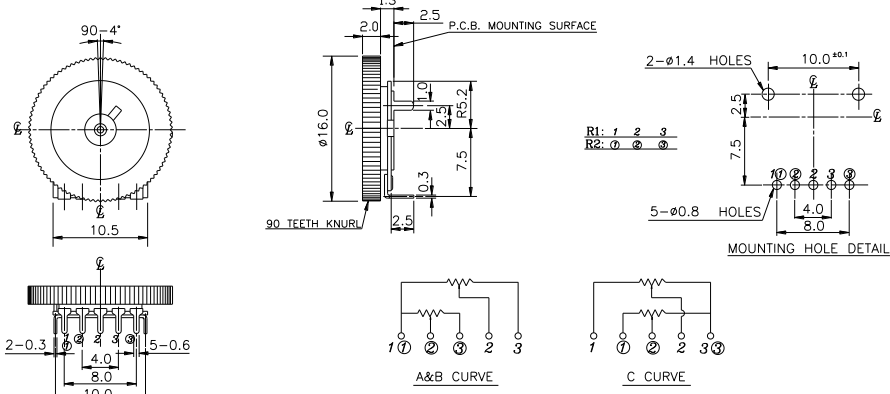
Knob

Order Code	Description
B309	With knob

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■Model Description

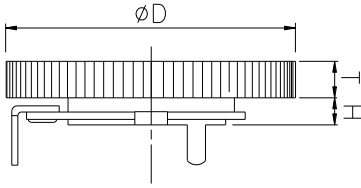
Model	Number of Unit	Terminal Type	Rotational Angle
RV100F-30	Single unit	Vertical	$270^{\circ} \pm 5^{\circ}$
RV102F-20	Dual unit	Horizontal	$270^{\circ} \pm 5^{\circ}$
RV102F-30	Dual unit	Vertical	$270^{\circ} \pm 5^{\circ}$

Order Code	Outline Drawing
RV100F-30 	 RV100F-30 drawing details: Front view shows a circular potentiometer with a 10.5mm diameter and 3 terminals. Side view shows a 90° knurl, 1.4mm P.C.B. mounting surface, and 2.0mm terminal height. Mounting hole detail shows 2-ø1.4 holes and 3-ø1.0 holes.
RV102F-20 	 RV102F-20 drawing details: Front view shows a circular potentiometer with a 14.4mm diameter and 5 terminals. Side view shows a 90°-4° knurl, 1.7mm P.C.B. mounting surface, and 2.0mm terminal height. Mounting hole detail shows 2-ø1.4 holes and 2-2.3 (hole) holes. Recommended PC Board Layout shows R1: 1 2 3 and R2: ① ② ③.
RV102F-30 	 RV102F-30 drawing details: Front view shows a circular potentiometer with a 10.5mm diameter and 5 terminals. Side view shows a 90°-4° knurl, 2.5mm P.C.B. mounting surface, and 2.0mm terminal height. Mounting hole detail shows 2-ø1.4 holes and 5-ø0.8 holes. Recommended PC Board Layout shows R1: 1 2 3 and R2: ① ② ③.

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■ Knob Type



Order Code	Knob Diameter (D)	Number of Teeth Knurl	Knob Thickness (T)	Mounting Surface Height (H)
4K1B	$\varnothing 14$	90	1.0 mm	1.3 mm
4K2B	$\varnothing 14$	90	2.0 mm	1.3 mm
6K1B	$\varnothing 16$	90	1.0 mm	1.3 mm

Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

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