# **POTENTIOMETERS**



#### 10mm Thin Micro Potentiometer

## **Application**

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





#### **Feature**

✓ Low-profile

### **■**Specification

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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 - 6K3B - B10K - B301

Model

Knob Type

Ex:

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

Taper: A, B and C

Resistance Value:  $1 \text{K}\Omega$  to  $500 \text{K}\Omega$  and  $1 \text{M}\Omega$ 

\*Contact us for other requirements.

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Order Code	Description
B309	With knob

Contact: sales@taiwanalpha.com

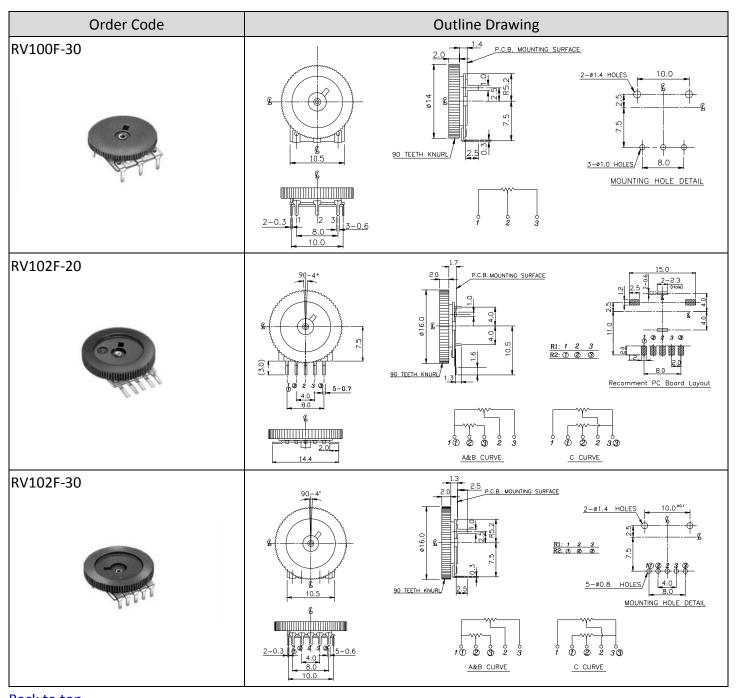
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## **■**Model Description

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Model	Number of Unit	Terminal Type	Rotational Angle		
RV100F-30	Single unit	Vertical	270°±5°		
RV102F-20	Dual unit	Horizontal	270°±5°		
RV102F-30	Dual unit	Vertical	270°±5°		



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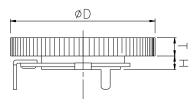
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# **■** Knob Type



Order Code	Knob Diameter (D)	Number of Teeth Knurl	Knob Thickness (T)	Mounting Surface Height (H)
4K1B	φ 14	90	1.0 mm	1.3 mm
4K2B	φ 14	90	2.0 mm	1.3 mm
4K3B	φ 14	90	2.8 mm	1.3 mm
4K3C	φ 14	90	2.8 mm	1.95 mm
6K1B	$\varphi$ 16	90	1.0 mm	1.3 mm
6K2B	$\varphi$ 16	90	2.0 mm	1.3 mm
6K3B	$\varphi$ 16	90	2.8 mm	1.3 mm
8M1B	<i>φ</i> 18	72	1.0 mm	1.3 mm
8M2B	$\varphi$ 18	72	2.0 mm	1.3 mm
8M3B	$\varphi$ 18	72	2.8 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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# **Mouser Electronics**

**Authorized Distributor** 

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# Alpha (Taiwan):

<u>RV100F-30-4K1B-B10K-B301</u> <u>RV100F-30-4K1-B53</u> <u>RV100F-30-4K1-B13</u> <u>RV100F-30-8M2B-C10K-B301</u> <u>RV100F-30-4K1-B10K</u> <u>RV100F-30-4K1-B50K</u> <u>RV100F-30-4K1-B50K</u>