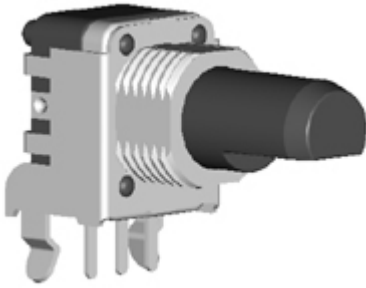


Model(型號): **ROTARY POTENTIOMETER-----R09A11VB1**

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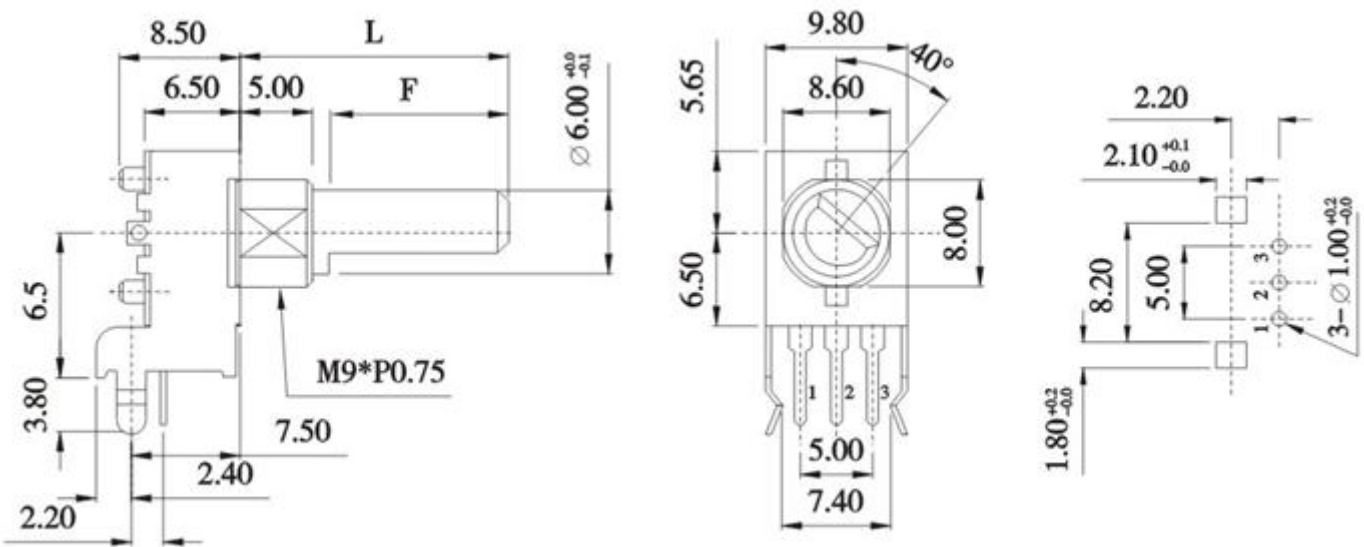
**Features:(特點):**

Thanks to its structure eliminating openings,the dust-proofing capacity and flux resistance have been improved.9.8mm outing size is ideal for high-density set design.

**Applications(作用):**

Suitable for various control applications with audio products,visual products,electronic musical instrument, etc.

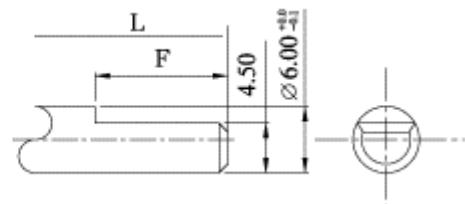
**Dimensions(規格圖):**



**TYPE OF KNOB**

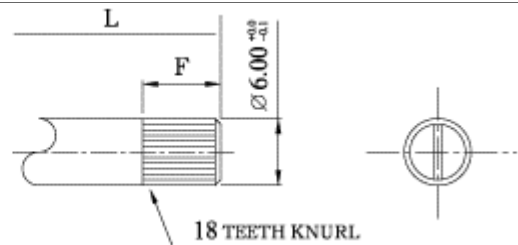
**F Type**

L	15	20	25	30	35
F	6	7	12	12	12



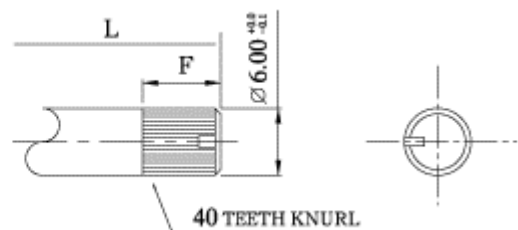
**K Type**

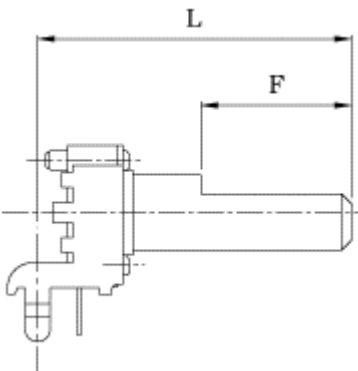
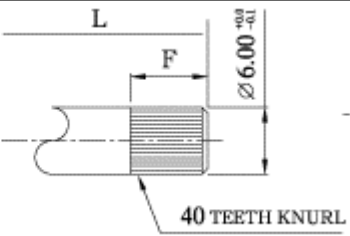

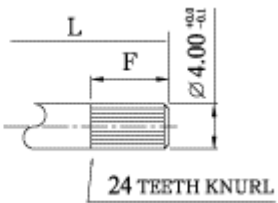

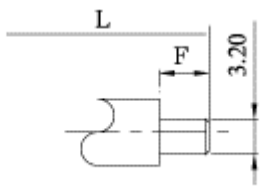
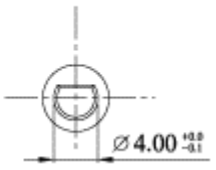
L	20	25	30	35
F	7	7	7	7



**E Type**

L	15	20	25	30	35
F	6	7	7	7	7



	<b>P Type</b> <table border="1" data-bbox="470 212 901 280"> <tr> <td>L</td> <td>9.5</td> <td>15</td> <td>20</td> <td>25</td> <td>30</td> <td>35</td> </tr> <tr> <td>F</td> <td>0</td> <td>6</td> <td>7</td> <td>7</td> <td>7</td> <td>7</td> </tr> </table>  	L	9.5	15	20	25	30	35	F	0	6	7	7	7	7
	L	9.5	15	20	25	30	35								
	F	0	6	7	7	7	7								
<b>Q Type</b> <table border="1" data-bbox="470 459 790 526"> <tr> <td>L</td> <td>20</td> <td>25</td> <td>30</td> <td>35</td> </tr> <tr> <td>F</td> <td>7</td> <td>7</td> <td>7</td> <td>7</td> </tr> </table>  	L	20	25	30	35	F	7	7	7	7					
L	20	25	30	35											
F	7	7	7	7											
<b>C Type</b> <table border="1" data-bbox="470 694 598 761"> <tr> <td>L</td> <td>12.5</td> </tr> <tr> <td>F</td> <td>4.5</td> </tr> </table>  	L	12.5	F	4.5											
L	12.5														
F	4.5														

### Specifications( 規格)

#### Electrical Characteristics [ 電氣性能 ]

Total resistance [ 全阻抗值 ]	100Ω - 1MΩ
Total resistance tolerance [ 全阻抗值容許差 ]	±20%
Ratings power(w) [ 額定功率 ]	0.05W
Resistance taper [ 阻抗變化特性 ]	A,B, *C,D,W
Residual resistance [ 殘留阻值 ]	R < 5KΩ 10Ω Max. 5KΩ ≤ R ≤ 10KΩ 50Ω Max. 10KΩ < R ≤ 50KΩ 70Ω Max. 50KΩ < R ≤ 100KΩ 120Ω Max. 100KΩ < R ≤ 1MΩ 320Ω Max.
Sliding noise [ 滑動雜音 ]	100mV Max.
Withstanding voltage [ 耐電壓 ]	1 minute at AC 250V
Gang error [ 連動誤差 ]	-40dB ~ 0dB ±3dB Max.
Insulation resistance [ 絕緣阻抗 ]	100MΩ Min. at DC 100V.
Max. operating voltage [ 最高使用電壓 ]	AC 50V , DC 12V

#### Mechanical Characteristics [ 機械性能 ]

Operation torque [ 回轉力矩 ]	10~80gf . cm
Rotation stopper strength [ 止動強度 ]	3.0Kgf . cm Min.
Total rotational angle [ 回轉角度 ]	280 ±5°

#### Endurance Characteristics [ 耐久性能 ]

Rotational life [ 回轉壽命 ]	More than 10,000 cycles
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