

ROTARY POTENTIOMETERS

9mm Size Snap-in Insulated Shaft Potentiometers



◆ Applications

- TV sets, VCRs, radios, etc

◆ Features

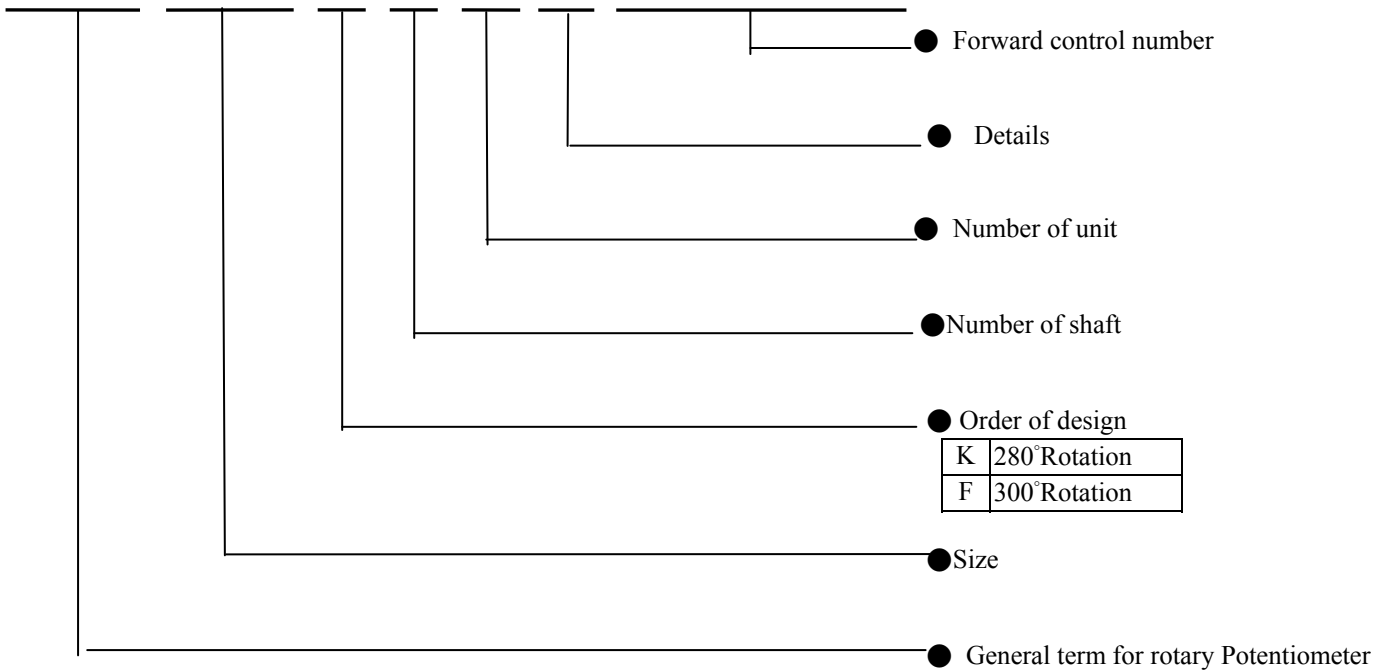
- Insert-molding with resin applied around the resistor Assures high flux resistance
- Available with a wide choice of shafts
- Units can be provided with bushing and detent
- Dust-proof construction without any opening part.
- 9.8mm outline size is ideal for high-density set design.

◆ Common specifications

Application	9mm size	
	Single-unit	Dual-unit
Total Rotational angle	280±5°	280±5°
	300±5°	
Operating torque	10~80gf-cm	
Total resistance (KΩ)	5,10,20,50,100	5,10,20,50,100
Total resistance tolerance	±20%	±30%
Resistance taper	A, B, C, D, E, K, W	A, B, C, D
Power rating	0.05W	0.03W
Max operating Voltage	50V A.C 20V D.C	50V A.C For A.C only
Rotational Life	5,000 cycles	10,000 cycles

◆ Products Numbering System

R	K	0	9	K	1	1	3	0	0	0	1
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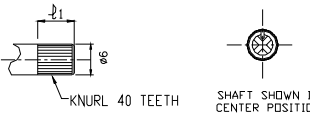
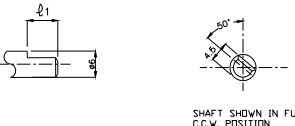
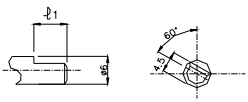

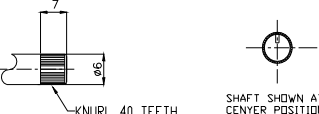

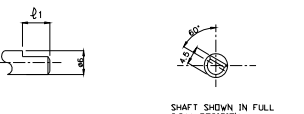
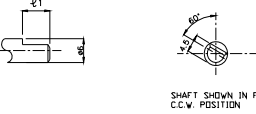
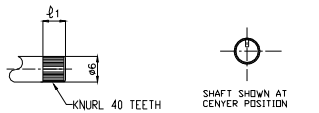
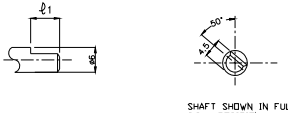
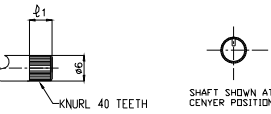
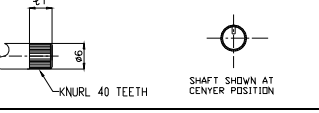
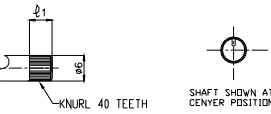
RK	Old code
RD	New code

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9mm Size Snap-in Insulated Shaft Potentiometers

◆ Shaft type

Unit: mm

		Shaft type	Shaft dimensions												
Single-unit	Horizontal type Vertical type	Knob type	 <table border="1"> <tr><td>LM1</td><td>15</td><td>20</td><td>25</td><td>30</td><td>35</td></tr> <tr><td>11</td><td>6</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> </table>	LM1	15	20	25	30	35	11	6	7	7	7	7
		LM1	15	20	25	30	35								
		11	6	7	7	7	7								
		Screw-driver adjustment type	 <table border="1"> <tr><td>LM1</td><td>9.5</td><td>15</td><td>20</td><td>25</td></tr> <tr><td>11</td><td>—</td><td>6</td><td>7</td><td>7</td></tr> </table>	LM1	9.5	15	20	25	11	—	6	7	7		
		LM1	9.5	15	20	25									
	11	—	6	7	7										
	Flat type	 <table border="1"> <tr><td>LM1</td><td>15</td><td>20</td><td>25</td><td>30</td></tr> <tr><td>11</td><td>6</td><td>7</td><td>12</td><td>12</td></tr> </table>	LM1	15	20	25	30	11	6	7	12	12			
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	280° Rotation	Flat type	 <table border="1"> <tr><td>LM1</td><td>15</td><td>20</td><td>25</td><td>30</td></tr> <tr><td>11</td><td>6</td><td>7</td><td>12</td><td>12</td></tr> </table>	LM1	15	20	25	30	11	6	7	12	12		
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LM1	15	20	25	30											
11	6	7	12	12											
With collar	Horizontal type Vertical type	Knob type	 <p>LM1=20,25,30,35</p>												
		Flat type	 <table border="1"> <tr><td>LM1</td><td>—</td><td>20</td><td>25</td><td>30</td><td>35</td></tr> <tr><td>11</td><td>—</td><td>7</td><td>12</td><td>12</td><td>12</td></tr> </table>	LM1	—	20	25	30	35	11	—	7	12	12	12
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	With bushing	Horizontal type Vertical type	280° Rotation	 <table border="1"> <tr><td>LM1</td><td>—</td><td>20</td><td>25</td><td>30</td><td>35</td></tr> <tr><td>11</td><td>—</td><td>7</td><td>12</td><td>12</td><td>12</td></tr> </table>	LM1	—	20	25	30	35	11	—	7	12	12
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Dual-unit	Horizontal type Vertical type	Flat type	 <table border="1"> <tr><td>LM1</td><td>15</td><td>20</td><td>25</td><td>30</td><td>—</td></tr> <tr><td>11</td><td>6</td><td>7</td><td>12</td><td>12</td><td>—</td></tr> </table>	LM1	15	20	25	30	—	11	6	7	12	12	—
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LM1	—	20	25	30	—										
11	—	7	7	7	—										
With collar	Horizontal type Vertical type	Flat type	 <table border="1"> <tr><td>LM1</td><td>—</td><td>20</td><td>25</td><td>30</td><td>—</td></tr> <tr><td>11</td><td>—</td><td>7</td><td>12</td><td>12</td><td>—</td></tr> </table>	LM1	—	20	25	30	—	11	—	7	12	12	—
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9mm Size Snap-in Insulated Shaft Potentiometers

◆Single-shaft ,Single-unit

Unit: mm

Model	Dimensions	Mounting hole details/ Circuit
RK09K111 (280° Rotation) RD09F111 (300° Rotation)		
RD09K112 (280° Rotation) RD09F112 (300° Rotation)		
RK09K113 (280° Rotation) RD09F113 (300° Rotation)		
RD09K114 (280° Rotation) RD09F114 (300° Rotation)		

◆Single-shaft ,Single-unit with collar

Unit: mm


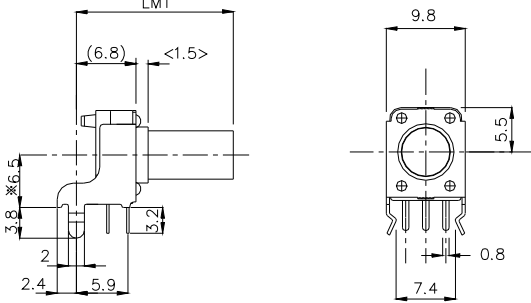
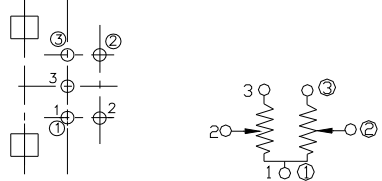
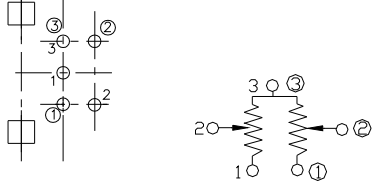

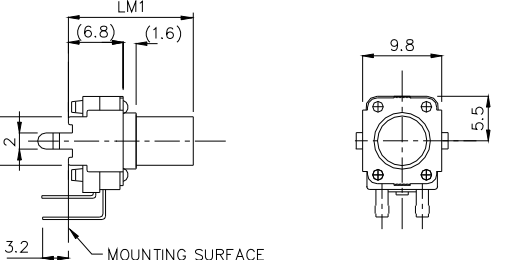
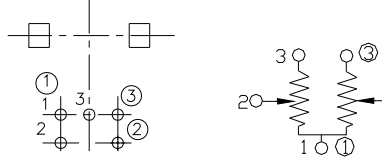


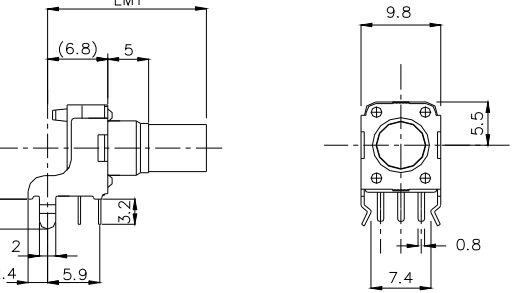
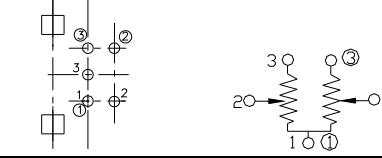
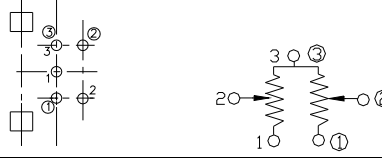

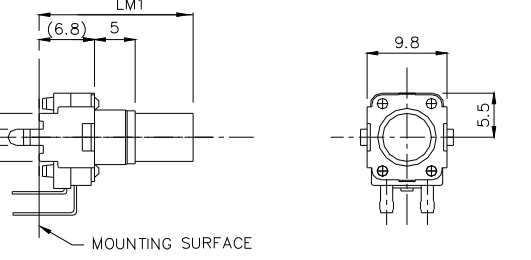
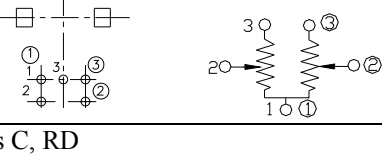
Model	Dimensions	Mounting hole details/ Circuit
RK09K111Z (280° Rotation) RD09F111 (300° Rotation)		
RK09K113Z (280° Rotation) RD09F113 (300° Rotation)		

ROTARY POTENTIOMETERS

9mm Size Snap-in Insulated Shaft Potentiometers

◆Single-shaft ,dual-unit

Unit: mm

Model	Dimensions	Mounting hole details/ Circuit
	 <p>※ Mounting height H =6.5mm only</p>	<p>Tapers A,B,D</p>  <p>Tapers C, RD</p> 
		<p>Tapers A,B,D</p>  <p>Tapers C, RD</p> 
	 <p>※ Mounting height H =6.5mm only</p>	<p>Tapers A,B,D</p>  <p>Tapers C, RD</p> 
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