

Feature

1. Flux build-up prevention is taken through inserting molding around the resistor with resin.
2. A large variety of products lined up to support various applications.
3. With Dual shaft adjustment.

F092 Series Rotary Potentiometer

Electrical characteristics

- Total Resistance..... $1K\Omega \sim 500K\Omega$
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper..... A, B, C, D, etc.
- Max. operating Voltage..... AC50V, DC10V
- Rated Power..... Linear Taper B: 0.05W
Other Tapers: 0.025W
- Sliding Noise..... Less than 100mv
- Insulation Resistance..... More than $100M\Omega$ at DC 250v
- Withstand voltage..... 1 minute at AC 300V
- Residual Resistance..... Term. 1~2: Less than 20Ω
Term. 2~3: Less than 20Ω

Mechanical characteristics

- Total Rotational Angle..... $300^\circ \pm 10^\circ$
- Click Torque..... 50gf.cm ~ 200gf.cm
- Rotational Stopper Strength..... 4.0Kgf.cm Min.
- Push-Pull Strength..... 6.0Kgf Min
- Rotational Torque(outer shaft)..... 5gf.cm ~ 90gf.cm
- Rotational Torque(inner shaft)..... 3gf.cm ~ 60gf.cm

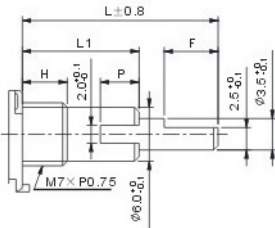
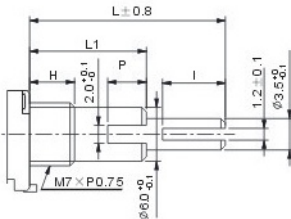
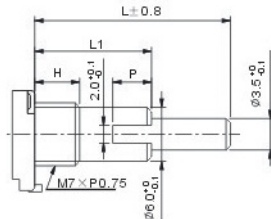
Durability

- Rotational Life..... 15,000 Cycles

Switch characteristics

- Switch rated power.....3.0A at DC 16v
- Switch Contact Resistance.....Less than 100m Ω
- Switch Rotational Angle.....50 ° Max
- Switch torque..... 500gf.cm Max

Type of Shaft

F-Type	RE-Type	R-Type																																																		
																																																				
H=5 <table><tr><td>L</td><td>15</td><td>20</td><td>21.8</td></tr><tr><td>L1</td><td>10</td><td>10</td><td>13</td></tr><tr><td>P</td><td>4</td><td>4</td><td>5</td></tr><tr><td>F</td><td>5</td><td>8</td><td>6</td></tr></table> H=7 <table><tr><td>L</td><td>25</td></tr><tr><td>L1</td><td>15</td></tr><tr><td>P</td><td>5</td></tr><tr><td>F</td><td>8</td></tr></table> H=10 <table><tr><td>L</td><td>30</td><td>35</td></tr><tr><td>L1</td><td>20</td><td>25</td></tr><tr><td>P</td><td>5</td><td>5</td></tr><tr><td>F</td><td>8</td><td>8</td></tr></table>	L	15	20	21.8	L1	10	10	13	P	4	4	5	F	5	8	6	L	25	L1	15	P	5	F	8	L	30	35	L1	20	25	P	5	5	F	8	8	H=5 <table><tr><td>L</td><td>20</td></tr><tr><td>L1</td><td>11</td></tr><tr><td>P</td><td>5</td></tr><tr><td>F</td><td>7</td></tr></table>	L	20	L1	11	P	5	F	7	H=5 <table><tr><td>L</td><td>17.5</td></tr><tr><td>L1</td><td>10</td></tr><tr><td>P</td><td>4</td></tr></table>	L	17.5	L1	10	P	4
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F092 Series

Metal shaft Potentiometer



Rotary Potentiometer

HOW TO ORDER

F 9 2 2 5 S A 50K L115*5 +C (L) L25 F C *7 +C (D)

- Lube in inner shaft
- With detent in inner shaft
- Section length of shaft
- Full C.CW position
- Type of shaft
- Length of inner shaft
- Lube in outer shaft
- With detent in outer shaft
- Length of outer shaft
- Total resistance
- Resistance taper
- S=Switch;N=without switch
- Length of bushing
5=5.0mm;7=7.0mm;0=10mm
- Number of gang
1=single unit 2=dual gang
4=four gang;6=six gang
- Type of product:
- Outline dimension
09=9mm
- Favor union



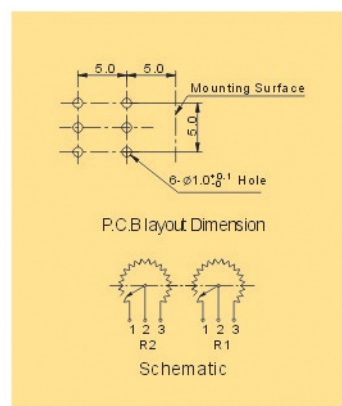
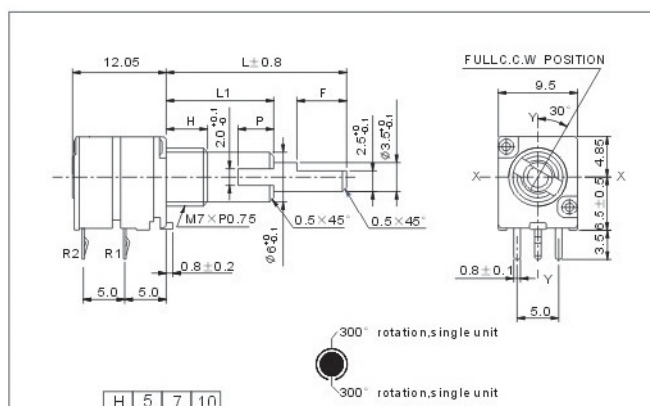
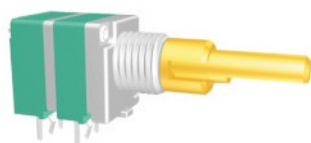
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Metal shaft Potentiometer



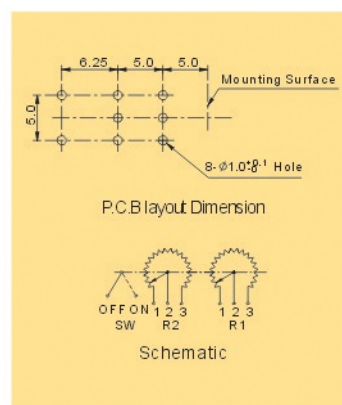
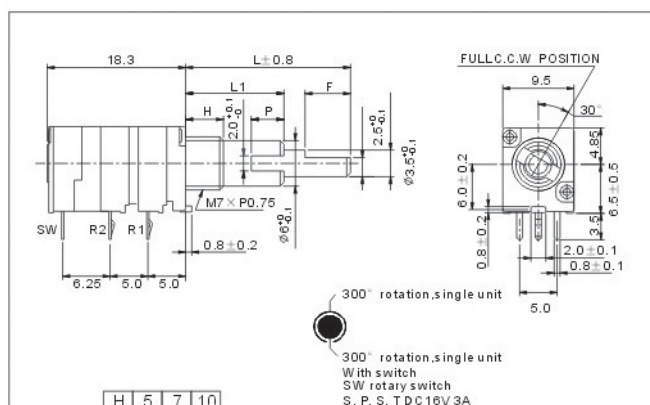
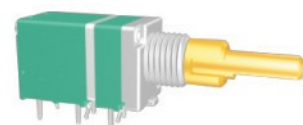
F0922□G

Vertical Type, Single Unit, Dual shaft with 1,11,21,41 Clicks



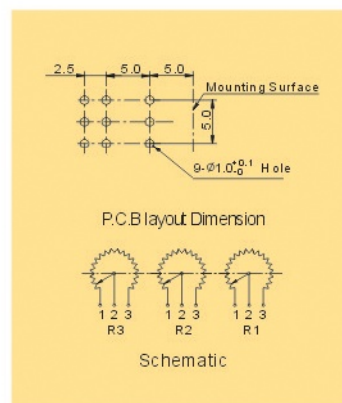
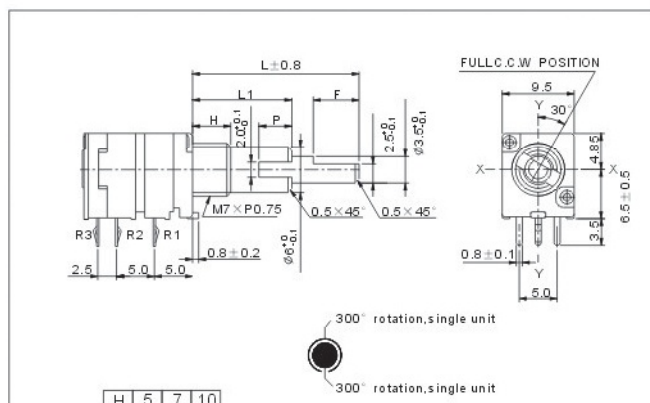
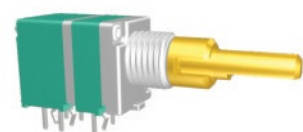
F0922□S

Vertical Type, with Switch, Single Dual shaft With 1,11,21,41 Clicks



F0923□G

Vertical Type, Dual Unit, Dual shaft with 1,11,21,41 Clicks



F0924□G

Vertical Type, Dual Unit, Dual shaft with 1,11,21,41 Clicks

