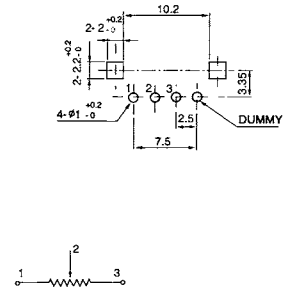
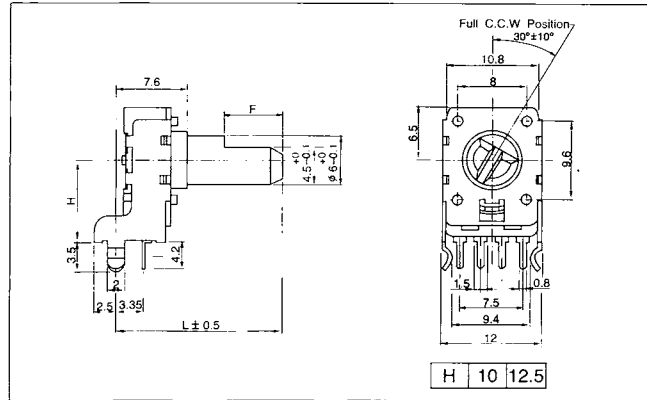
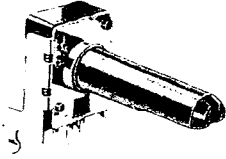


# F-11K Series

## Snap-In Insulated Shaft Rotary Potentiometer

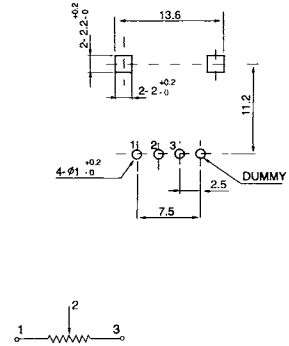
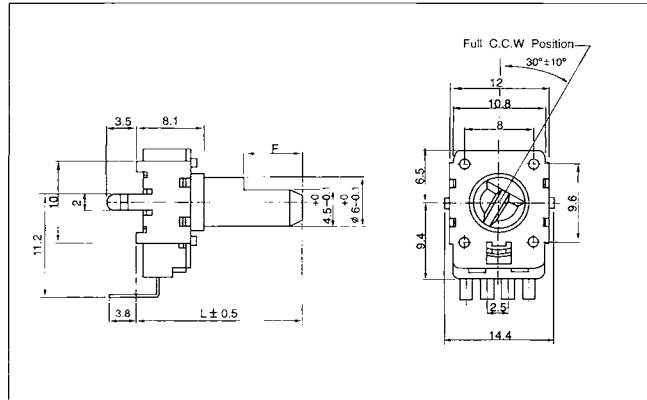
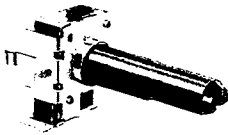
### F-11KV

Vertical Type, Single Unit,  
Center Click available



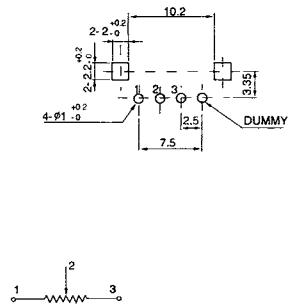
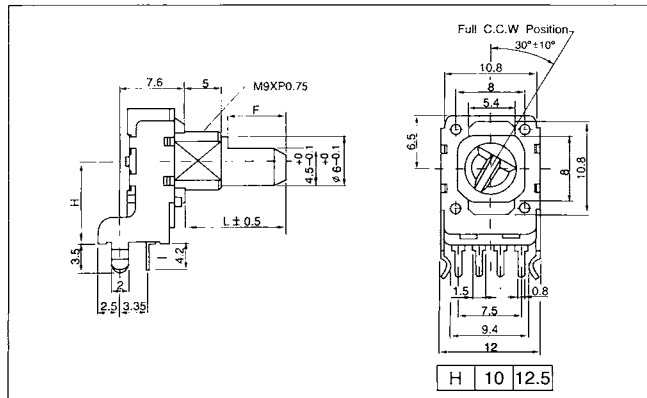
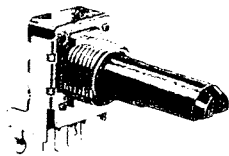
### F-11KH

Horizontal Type, Single Unit,  
Center Click available



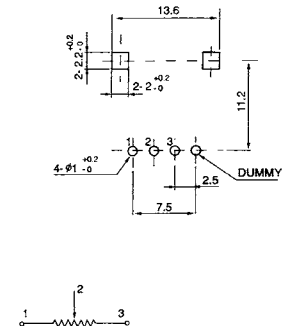
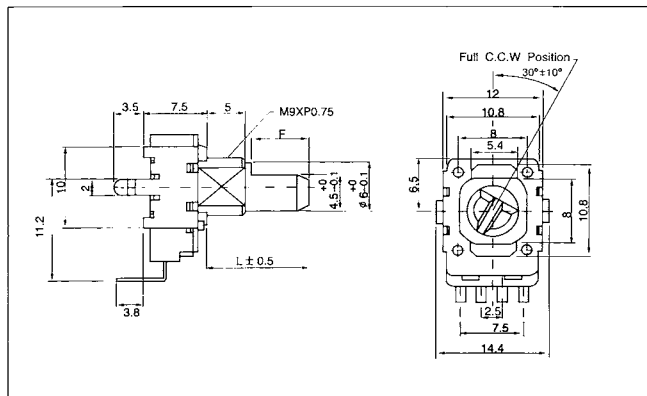
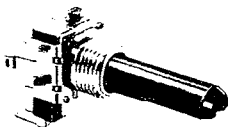
### F-11KV-1

Vertical Type, Single Unit,  
Center Click available



### F-11KH-1

Horizontal Type, Single Unit,  
Center Click available





# F-11K Series

## Snap-In Insulated Shaft Rotary Potentiometer

### SPECIFICATIONS

#### Electrical Characteristics

- Total Resistance.....500  $\Omega$  ~ 1M  $\Omega$
- Total Resistance Tolerance.....  $\pm$  20%
- Resistance Taper.....A,B,C,D, See P14
- Max. Operation Voltage.....AC 50V, DC 20V
- Rated Power.....0.05 W
- Sliding Noise.....Less than 100 mV
- Insulation Resistance.....More than 100 M  $\Omega$  at DC 500 V
- Withstand Voltage.....1 minute at AC 500 V
- Residual Resistance.....Term.1~2:Less than 20  $\Omega$   
Term.2~3:Less than 20  $\Omega$

#### Mechanical Characteristics

- Total Rotational Angle.....300°  $\pm$  10°
- Rotational Torque.....20gf.cm~200 gf.cm
- Rotational Stopper Strength.....3.0 Kgf.cm Min.
- Push-Pull Strength.....8.0Kgf Min.

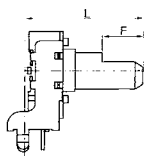
#### Durability

- Rotational Life.....10,000 Cycles

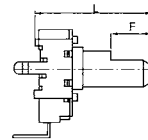
### SHAFT ILLUSTRATION

Standard Dimensions of Insulated Shaft for F-11K Series.  
(Customer designs are welcomed)

F-11KV (w/o bushing)



F-11KH (w/o bushing)

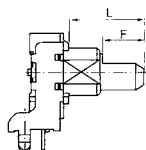


F-11KV/F-11KH

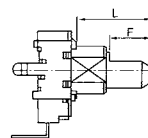
(Unit:mm)

<b>L</b>	15	20	22.5	25	27.5	30	32.5	35	37.5
<b>F</b>	4.5	7	7	12	12	12	12	12	12

F-11KV-1 (with bushing)



F-11KH-1 (with bushing)



F-11KV-1/ F-11KH-1

(Unit: mm)

<b>L</b>	12.5	15	17.5	20	22.5	25	27.5	30
<b>F</b>	7	7	12	12	12	12	12	12

# F-11K Series

## Snap-In Insulated Shaft Rotary Potentiometer

### SPECIFICATIONS

#### Electrical Characteristics

- Total Resistance.....500  $\Omega$  ~ 1M $\Omega$
- Total Resistance Tolerance.....  $\pm$  20%
- Resistance Taper.....A,B,C,D,See P14
- Max. Operation Voltage.....AC 30V
- Rated Power.....0.025W
- Sliding Noise.....Less than 100 mV
- Insulation Resistance.....More than 100 M  $\Omega$  at DC 250 V
- Withstand Voltage.....1 minute at AC 300V
- Gang Error.....- 40 dB ~ 0 dB  $\pm$  3 dB
- Residual Resistance.....Term.1~2:Less than 20  $\Omega$   
Term.2~3:Less than 20  $\Omega$

#### Mechanical Characteristics

- Total Rotational Angle.....300°  $\pm$  10°
- Rotational Torque.....30gf.cm~200 gf.cm
- Rotational Stopper Strength.....3.0 Kgf.cm Min.
- Push-Pull Strength.....8.0Kgf Min.

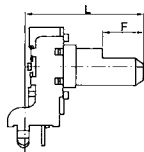
#### Durability

- Rotational Life.....10,000 Cycles

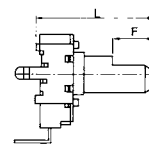
### SHAFT ILLUSTRATION

Standard Dimensions of Insulated Shaft for F-11KG Series.  
(Customer designs are welcomed)

F-11KGV (w/o bushing)



F-11KGH (w/o bushing)

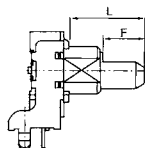


F-11KGV/F-11KGH

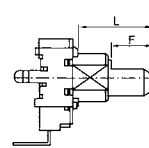
(Unit:mm)

<b>L</b>	15	20	22.5	25	27.5	30	32.5
<b>F</b>	4.5	7	7	12	12	12	12

F-11KGV-1 (with bushing)



F-11KGH-1 (with bushing)



F-11KGV-1/ F-11KGH-1

(Unit: mm)

<b>L</b>	12.5	15	17.5	20	22.5	25
<b>F</b>	7	7	12	12	12	12