



RoHS
COMPLIANCE

Feature

1. Insulated shaft style
2. Carbon element
3. Wide range of resistance tapers
4. Assorted pin layouts

F-122k Insulated Shaft Rotary Potentiometer

Electrical characteristics

- Total Resistance.....1k Ω ~1M Ω
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper.....A,B,C,D
- Max.Operator Voltage.....Single Unit : AC50V/DC20V Dual Unit: DC 20V
- Rated Power.....Single Unit: 0.05W, Dual Unit :0.03W
- Sliding Noise.....Less than 100mv
- Insulation Resistance.....More than 100M Ω at DC 250V
- Withstand voltage.....1 minute at AC 300V
- Residual Resistance..... Term.1~2:Less than 20 Ω
Term. 2~3:Less than 20 Ω
- Gang Error(Dual Unit).....-40dB~0dB ± 3 dB

Mechanical characteristics

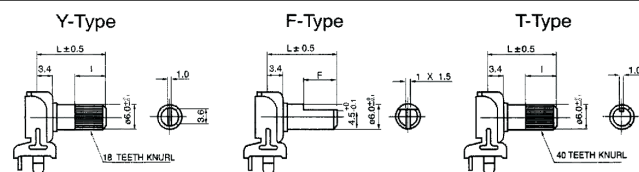
- Total Rotational Angle.....300° $\pm 5^\circ$
- Rotational Torque.....10gf.cm~100gf.cm
- Click Torque.....50gf.cm~200gf.cm
- Rotational Stopper Strength.....3.0kgf.cm Min.
- Push-Pull Strength.....8.0kgf Min

Durability

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

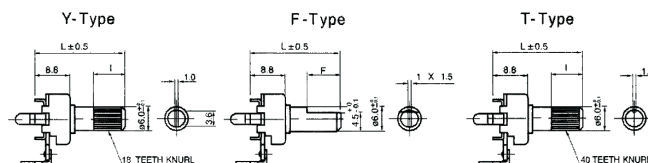
Shaft illustration

Standard Dimensions of Shaft for
F-122K Series.
(Customer designs are welcomed)



F-122K Series Shaft Dimensions and Styles

Y	L	10	15	20	25	30
	I	5	8	12	12	12
F	L	10	15	20	25	30
	I	5	8	12	12	12
T	L	10	15	20	25	30
	I	5	7	7	12	12



F-122K Series Shaft Dimensions and Styles

Y	L	15	20	25	30	35	—	—
	I	5	8	12	12	12	—	—
F	L	15	17	20	20	25	30	35
	I	5	7	7	8	12	12	12
T	L	15	20	25	30	35	—	—
	I	5	7	7	12	12	—	—



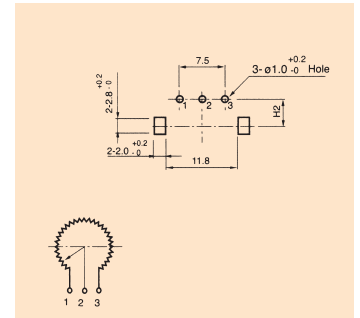
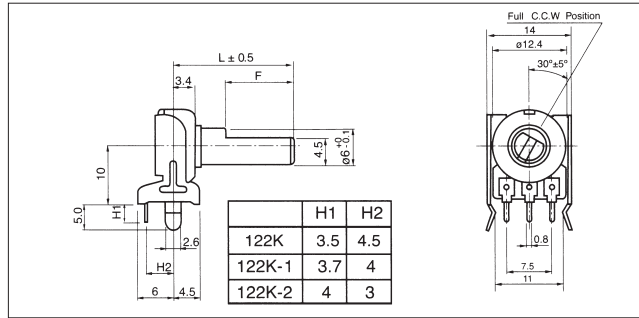
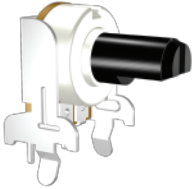
F-122K Series

Snap-In Insulated Shaft Rotary Potentiometer



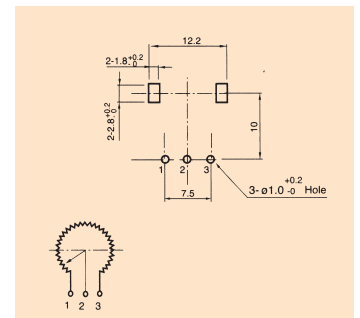
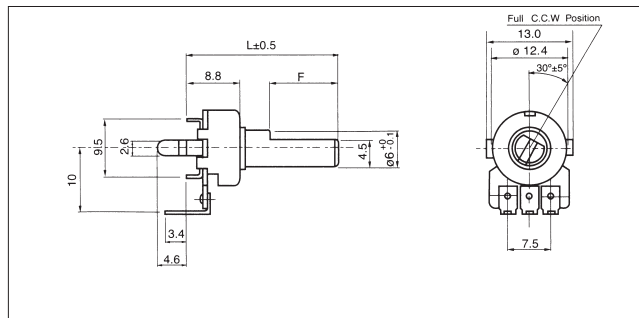
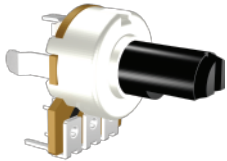
F-122K

Vertical Type, Single Unit,
P.C.B.Terminal with Center Click



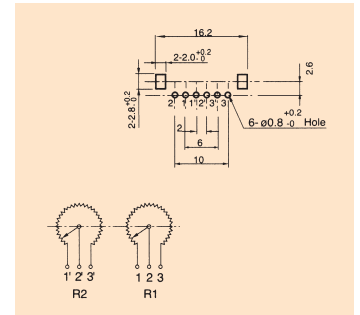
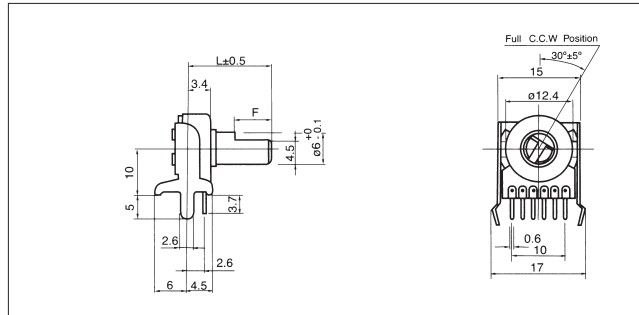
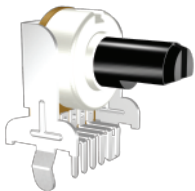
F-122KP

Hprizptnal Type, Single Unit,
P.C.B.Terminal with Center Click



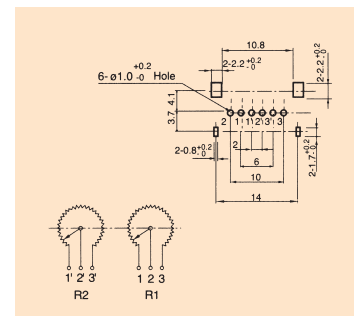
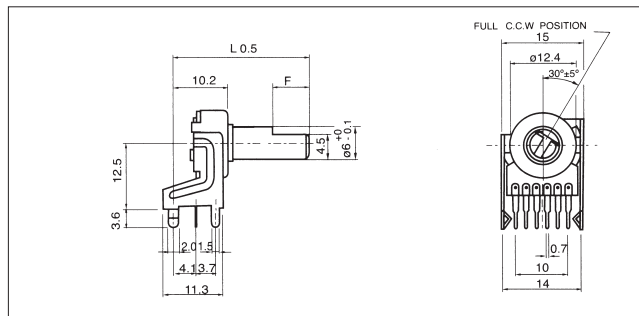
F-122KG

Vertical Type, Dual Unit,
P.C.B.Terminal with Center Click



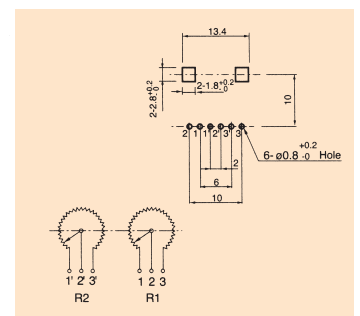
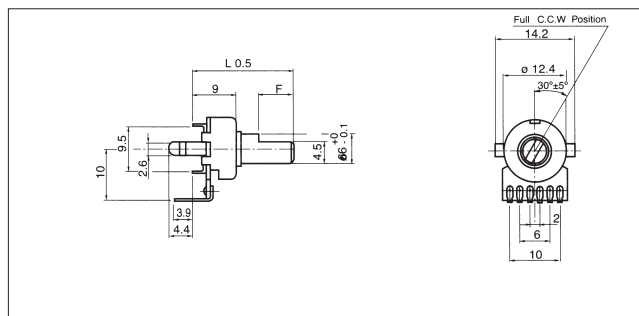
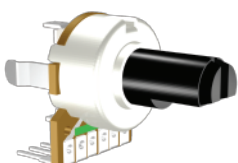
F-122KGE

Vertical Type, Dual Unit,
P.C.B.Terminal with Center Click



F-122KGP

Hprizptnal Type, Dual Unit,
P.C.B.Terminal with Center Click





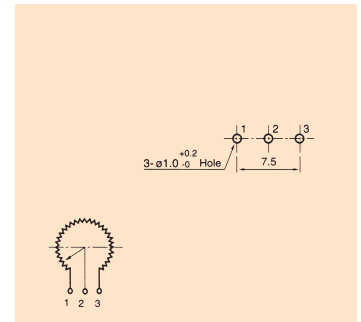
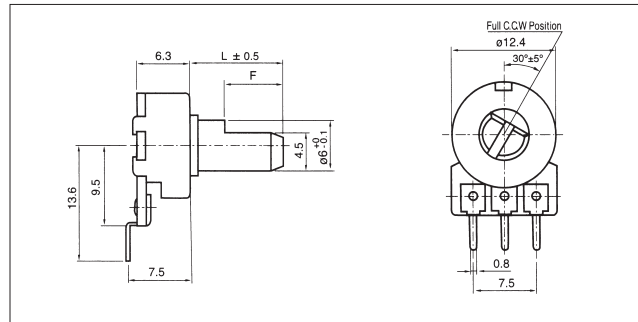
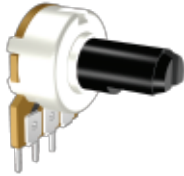
F-122K Series



Snap-In Insulated Shaft Rotary Potentiometer

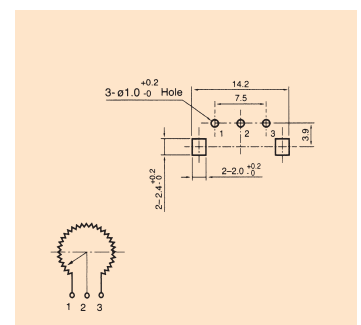
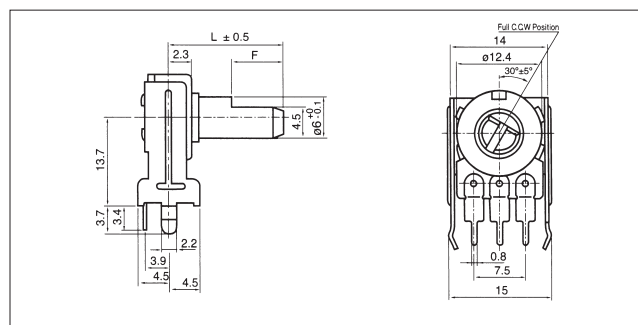
F-122K-5

Vertical Type, Single Unit,
P.C.B. Terminal with Center Click



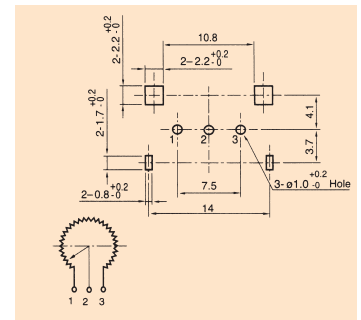
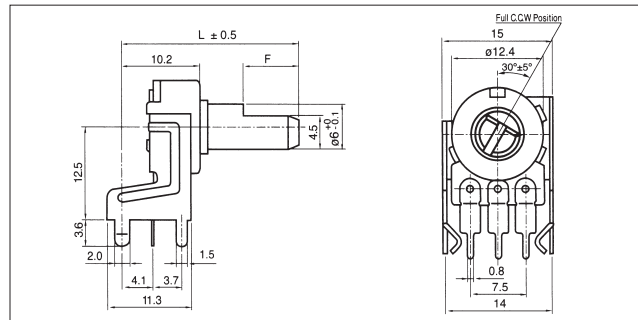
F-122K-N

Vertical Type, Single Unit,
P.C.B. Terminal with Center Click



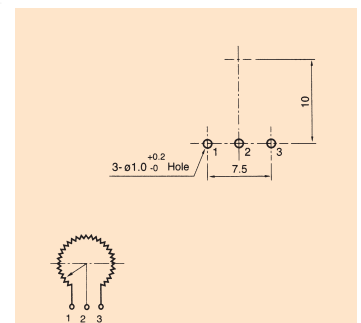
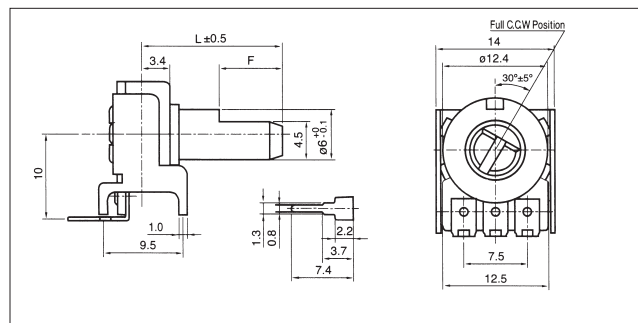
F-122KNE

Vertical Type, Single Unit,
P.C.B. Terminal with Center Click



F-122KPN

Vertical Type, Single Unit,
P.C.B. Terminal with Center Click



Part number system of insulated shaft potentiometer

