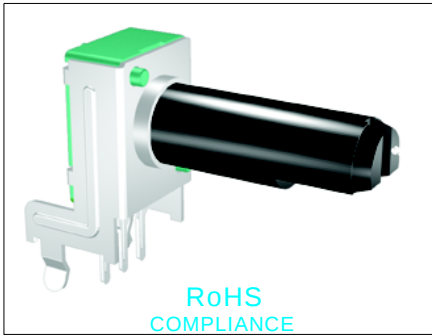




Feature

- 1 Closed structure improves dust and flux resistance
- 2 Carbon film element
- 3 Insulated shaft

F-09k Insulated Shaft Rotary Potentiometer

Electrical characteristics

- Total Resistance..... $500\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper..... A,B,C,D
- Max.Operator Voltage..... AC50V
- Rated Power..... 0.03W(F-09KG)
- Rated Power..... 0.05W(F-09K)
- Sliding Noise..... Less than 100mv
- Insulation Resistance..... More than $100M\Omega$ at DC 250V(F-09KG)
- Insulation Resistance..... More than $100M\Omega$ at DC 100V(F-09K)
- Withstand voltage..... 1 minute at AC 250V
- Residual Resistance..... Term.1~2:Less than 20Ω
Term.2~3:Less than 20Ω
- Gang Error(Dual Unit)..... -40dB~0dB $\pm 3dB$

Mechanical characteristics

- Total Rotational Angle..... $280^\circ \pm 10^\circ$ (F-09KG)
- Total Rotational Angle..... $280^\circ \pm 10^\circ$ (F-09K), $300^\circ \pm 10^\circ$ (F-09KH6)
- Rotational Torque..... 10gf.cm~80gf.cm(F-09KG)
- Rotational Torque..... 10gf.cm~90gf.cm(F-09K)
- Click Torque..... 30gf.cm~120gf.cm(F-09K)
- Rotational Stopper Strength..... 3.0kgf.cm Min.
- Push-Pull Strength..... 5.0kgf Min

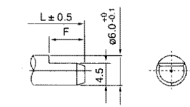
Durability

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

Shaft illustration

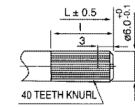
Standard Dimensions of Insulated Shaft for F-09K Series.
(Customer designs are welcomed)

F-TYPE



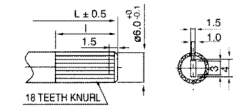
L	15	20	25	30
F	6	7	12	12

T-TYPE



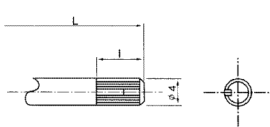
L	15	20	25
I	6	7	7

Y-TYPE



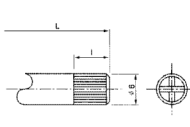
L	15	20	25
I	7	7	7

K-TYPE



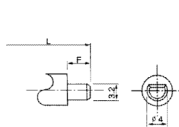
L	20	25
I	7	7

P-TYPE



L	9.5	15	20	25	30	35
I	0	6	7	7	7	7

C-TYPE



L	12.5
F	4.5

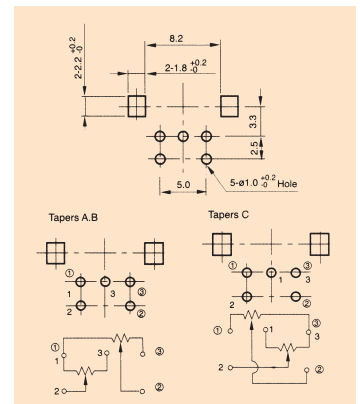
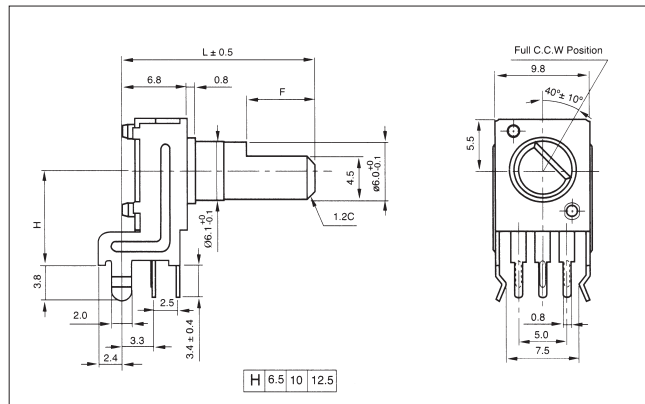
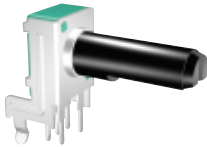


F-09K Series

Snap-In Insulated Shaft Rotary Potentiometer

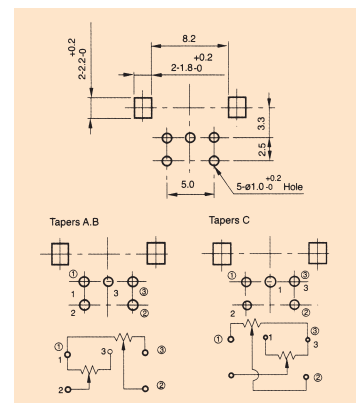
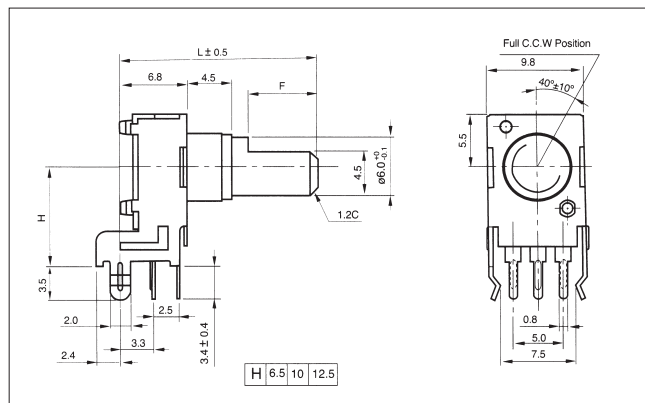
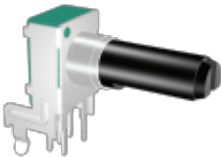
F-09KGV

Vertical Type, Dual Unit



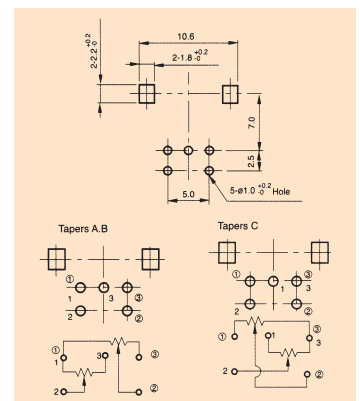
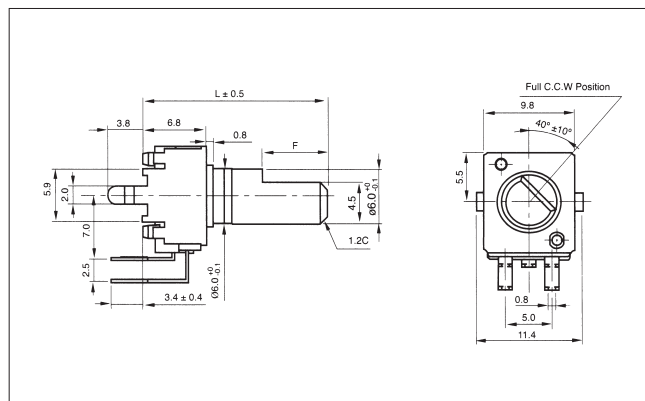
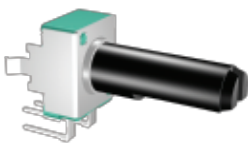
F-09KGV1

Vertical Type, Dual Unit



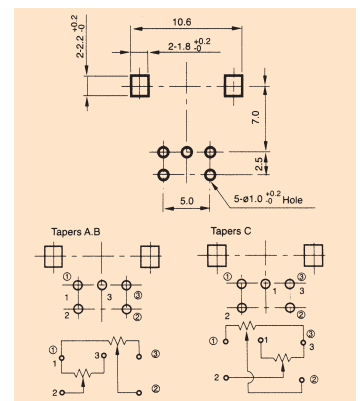
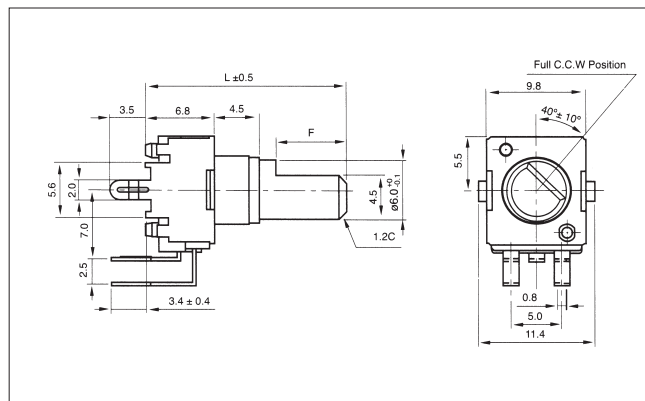
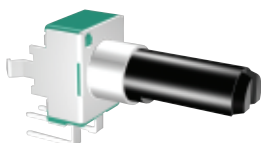
F-09KGH

Horizontal Type, Dual Unit



F-09KGH1

Horizontal Type, Dual Unit



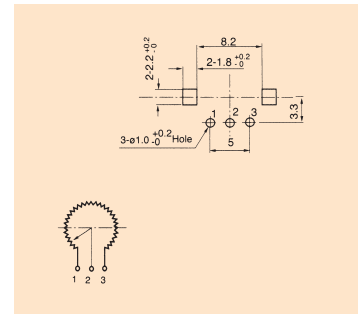
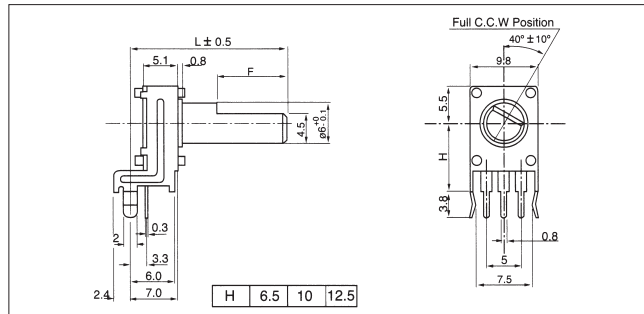
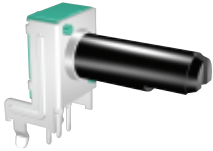


F-09K Series

Snap-In Insulated Shaft Rotary Potentiometer

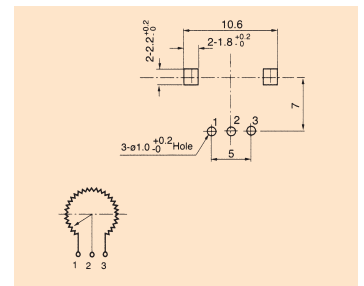
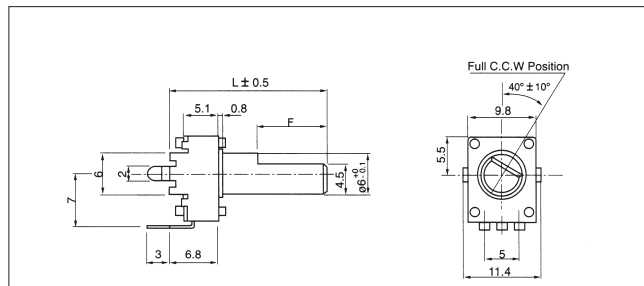
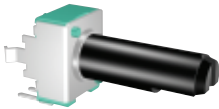
F-09KV

Standard Type, Single Unit
Center Click Available



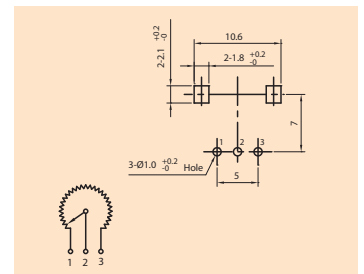
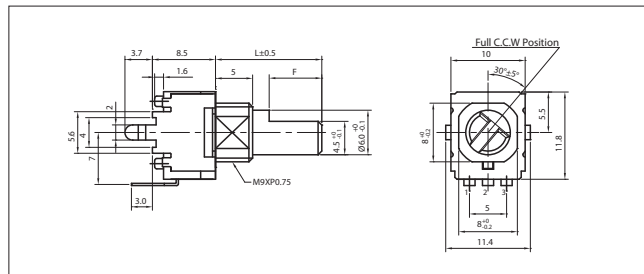
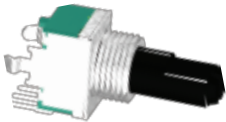
F-09KH

Standard Type, Single Unit
Center Click Available



F-09KH6

Standard Type, Single Unit
Center Click Available



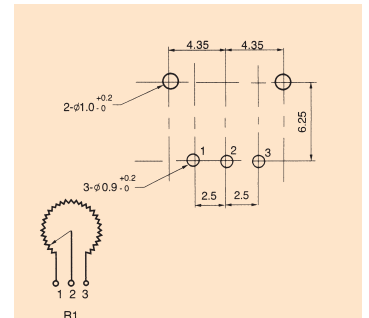
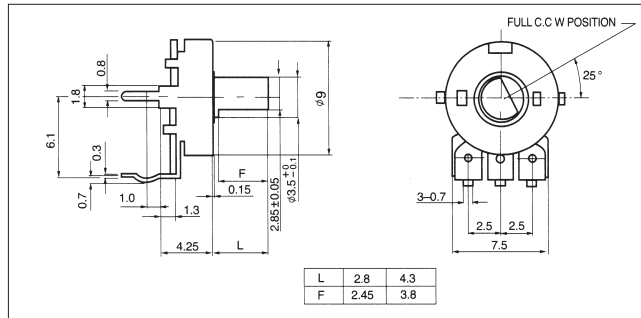
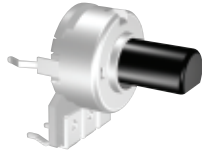


MICRO Series

Snap-In Insulated Shaft Rotary Potentiometer

F-092N

Horizontal Type, Single Unit





Part number system of insulated shaft potentiometer

