



RoHS
COMPLIANCE

Feature

1. Carbon element
2. Molded case
3. Wide assortment of resistance tapers

F-10 molded case rotary potentiometer

Electrical characteristics

- Total Resistance..... $1k\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper.....A,B,C,D
- Max.Operator Voltage.....Linear Taper B: AC100V
Other Tapers:AC70V
- Rated Power.....Linear Taper B: 0.07W
Other Tapers:0.03W
- Sliding Noise.....Less than 100mv
- Residual Resistance..... Term.1~2:Less than 20Ω
Term.2~3:Less than 20Ω

Mechanical characteristics

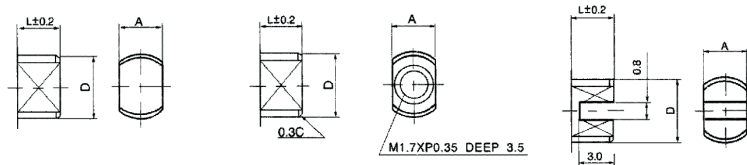
- Total Rotational Angle..... $200^\circ \pm 5^\circ$
- Rotational Torque.....5gf.cm~90gf.cm
- Rotational Stopper Strength.....2.0kgf.cm Min.
- Push-Pull Strength..... Push: 1.0kgf Min

Durability

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

Shaft illustration

Standard Dimensions of Shaft for
F-10 Series.
(Customer designs are welcomed)



No Tap Type

L	1.0 ~ 5.0
A	$2.2^{+0}_{-0.1}$
D	$\varnothing 3.5$

Tap Type

L	1.0 ~ 5.0
A	$2.2^{+0}_{-0.1}$
D	$\varnothing 3.5$

Slotted Type

L	3.0 ~ 5.0
A	$2.2^{+0}_{-0.1}$
D	$\varnothing 3.5$



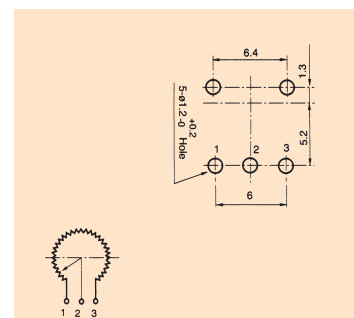
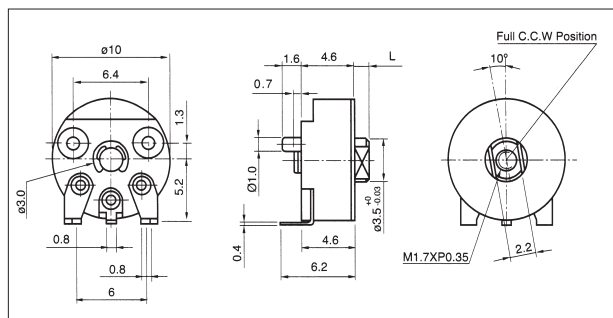
F-10 Series (ø10.0mm)

Molded Case Rotary Potentiometer



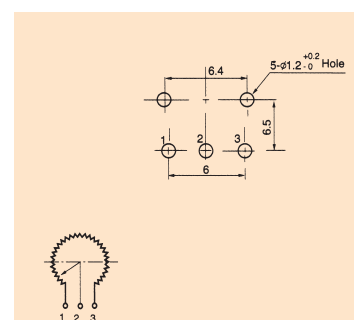
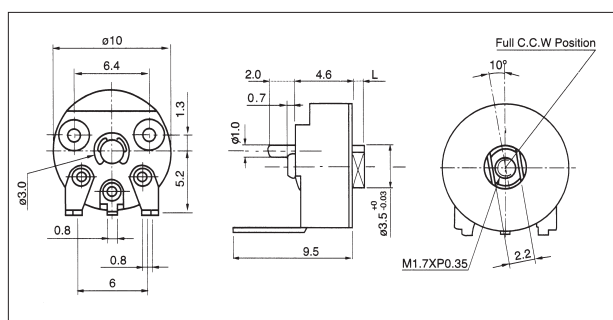
F-10NP-27

Horizontal Type, Single Unit



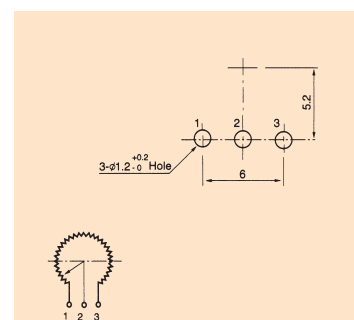
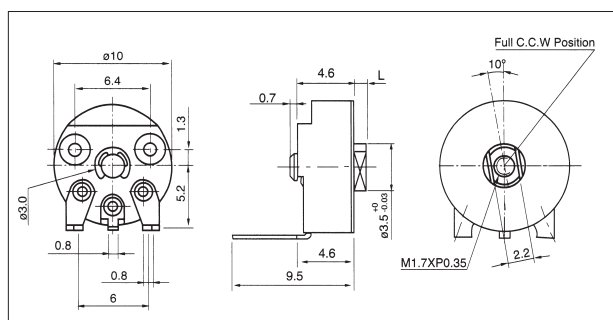
F-10NP-16

Horizontal Type, Single Unit



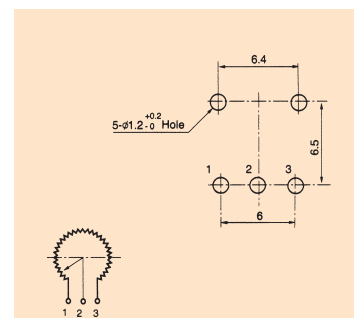
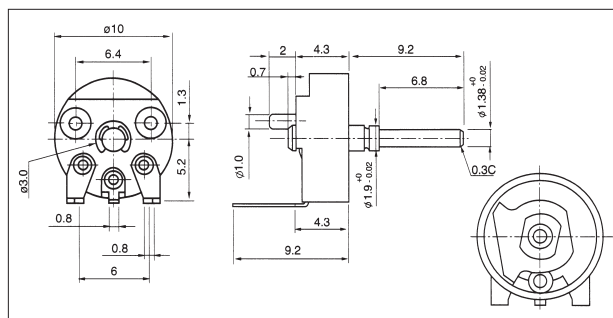
F-10NP-22

Horizontal Type, Single Unit



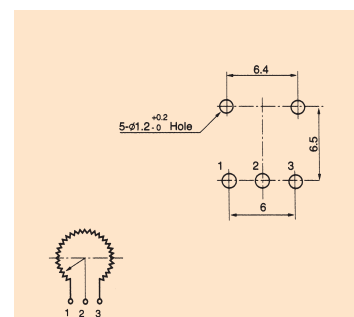
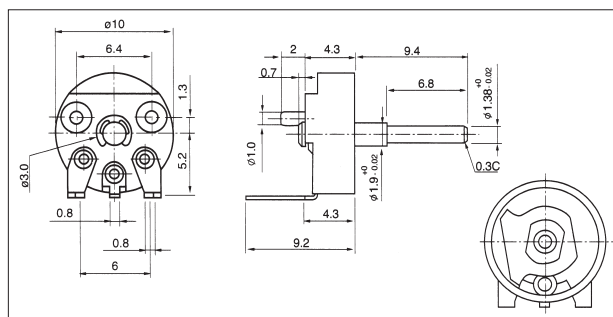
F-10NP-21

Horizontal Type, Single Unit



F-10NP-15

Horizontal Type, Single Unit





Part number system of mold case potentiometer

