



RoHS  
COMPLIANCE

## Feature

- Sing-turn / Carbon / Open Frame
- Cross slot rotor design suitable for automatic adjustment equipment
- Board retention feature

## 6mm Carbon Film Trimmer Potentiometer

## Electrical characteristics

- Total Resistance..... $100\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $\pm 30\%$
- Resistance Taper.....B
- Max.Operation Voltage.....DC 50V
- Rated Power.....0.1W at  $50^{\circ}\text{C}$
- Contact resistance.....5% or less
- Rotational Noise.....Less than 250mv
- Residual resistance value..... $R \leq 500\Omega$ ,  $10\Omega$ ,  
 $500\Omega \leq R \leq 1M\Omega$  2%TR

## Mechanical characteristics

- Total Rotational Angle..... $220^{\circ} \pm 20^{\circ}$
- Rotational Torque.....20gf.cm~200gf.cm
- Rotational Stopper Strength.....0.3kgf.cm Min.

## Durability

- Rotational Life.....50 cycles  $\pm$  2cycles
- Temperature range..... $-10^{\circ} \sim +70^{\circ}$
- Temperature Coefficient..... $\pm 800\text{ppm}/^{\circ}\text{C}$
- Soldering condition..... $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , 5 sec
- Humidity..... $40 \pm 2^{\circ}\text{C}$ , 95- 95% RH,  $350 \pm 10\text{H}$ ,  $\Delta\text{TR} \pm 15\%$
- Load life..... $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ,  $240 \pm 8\text{hours}$   $\Delta\text{TR} \pm 5\%$
- Resistance to soldering heat..... $300 \pm 10^{\circ}\text{C}$ ,  $3 \pm 0.5\text{sec}$ ,  $\Delta\text{TR} \pm 5\%$



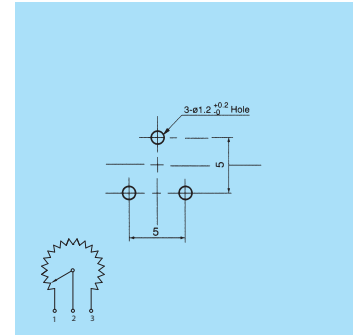
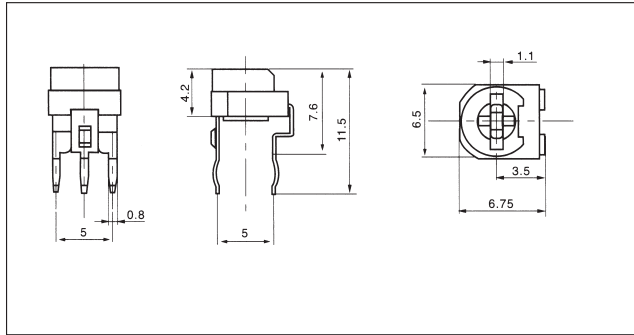
# $\varnothing$ 6.0 mm Series



## Carbon Film Trimmer Potentiometer

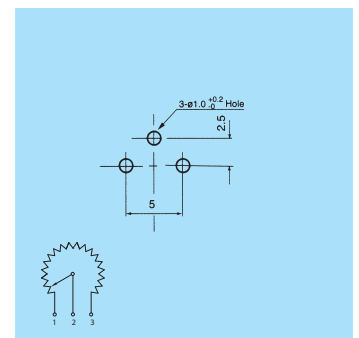
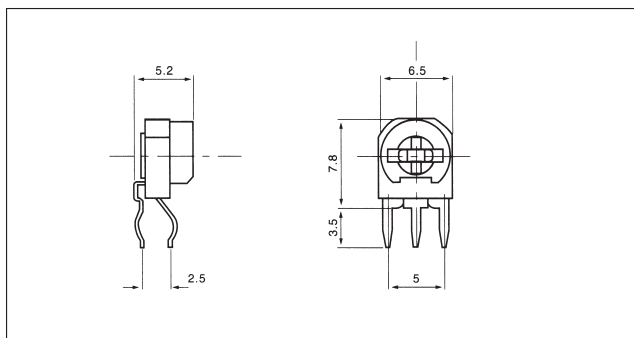
### F-637V

Horizontal Type, Pitch : 5x5 mm



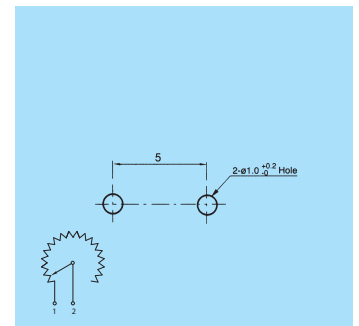
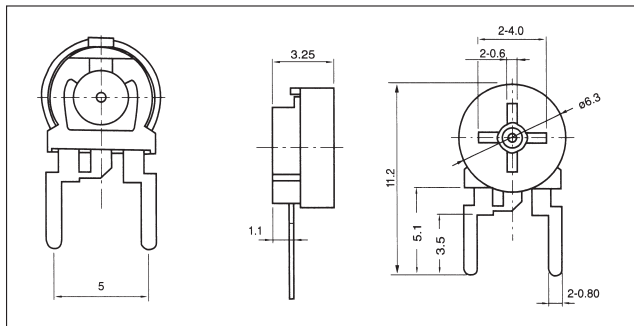
### F-639

Vertical Type, Pitch : 5x2.5 mm



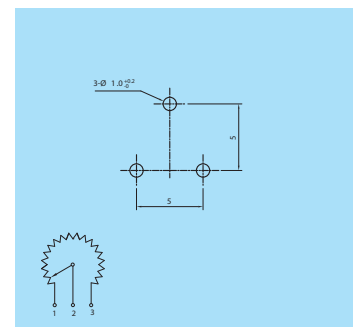
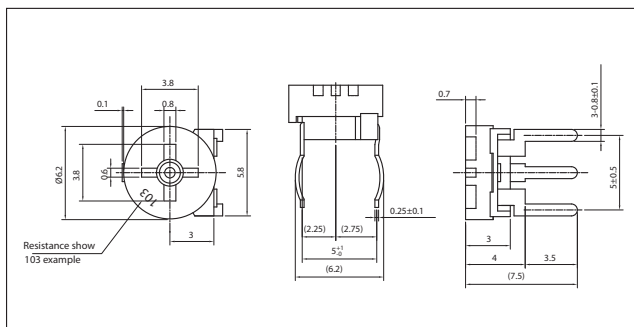
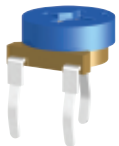
### F-TB0601V04X

Vertical Type, Pitch : 5 mm



### F-TB0601H01X

Horizontal Type, Pitch : 5x5 mm





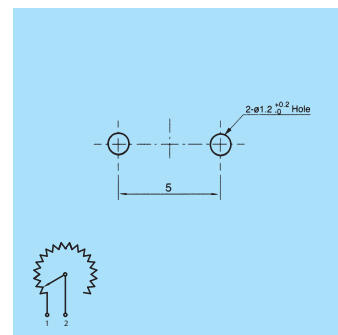
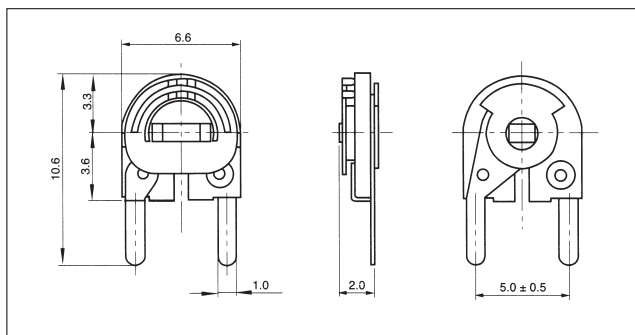
# Ø 6.0 mm Series



## Metal Glaze Trimmer Potentiometer

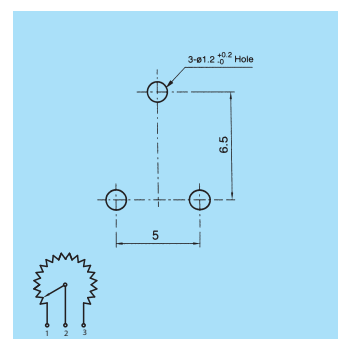
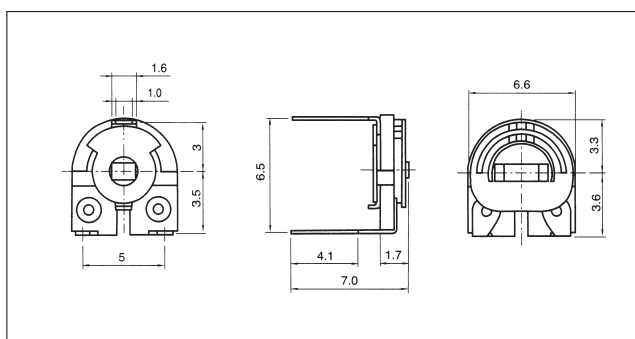
### F-062

Vertical Type, Pitch : 5 mm



### F-065

Horizontal Type, Pitch :  
5 x 6.5 mm



# Part number system of open trimmer potentiometer

