



Feature

1. Carbon resistive element.
2. Dust proof enclosure.
3. Housing available in self extin plastic(UL94V-0).

10mm Dust Proof Trimmers

Electrical characteristics

- Total resistance range..... $100\Omega \leq TR \leq 5M\Omega$
- Resistance Tolerance..... $1K\Omega < TR < 1M\Omega \pm 20\%$, $100\Omega \leq TR \leq 1K\Omega \pm 30\%$
 $1M\Omega \leq TR \leq 5M\Omega \pm 30\%$
- Resistance Taper.....A,B,C etc.
- Voltage rating.....B Taper :DC 200V; Other taper :DC 100V
- Rotational Noise.....150mV Max($TR < 1M\Omega$); 300mV Max($TR \geq 1M\Omega$)
- Residual resistance value.....Terminal 1~2:10 Ω Max
Terminal 2~3:10 Ω Max
- Electrical rotational Angle..... $200^\circ \pm 20^\circ$

Mechanical characteristics

- Total Rotational Angle..... $235^\circ \pm 5^\circ$
- Stopper Strength.....500gf.cm Min
- Rotational Torque.....20gf.cm~200gf.cm

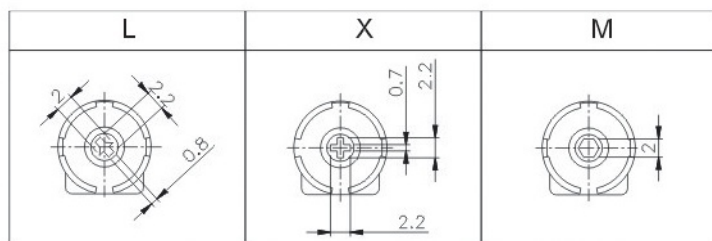
Environmental characteristics

- Temperature Range..... $-25^\circ\text{C} \sim +70^\circ\text{C}$
- Power rating.....B Taper:@ 50°C ,0.15W;A,C Taper:@ 50°C ,0.07W
- Temperature Coefficient..... $\pm 500\text{ppm}/^\circ\text{C}$ ($TR < 100K$)
 $\pm 1000\text{ppm}/^\circ\text{C}$ ($TR \geq 100K$)at- $25^\circ\text{C} \sim +70^\circ\text{C}$
- Humidity.....95%RH at 40°C ,500H, $\Delta TR \pm 10\%$

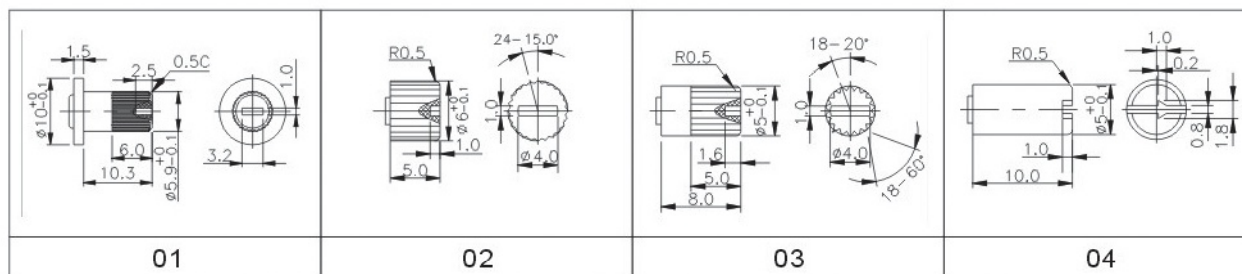
- Dry heat..... $70 \pm 3^{\circ}\text{C}$, 240H, $\Delta\text{TR} \pm 5/-15\%$
- Load life.....@ 50°C , rated power 1000 hours, $\Delta\text{TR} \pm 10\%$
- Resistance to soldering heat..... $260 \pm 5^{\circ}\text{C}$; 10 sec, $\Delta\text{TR} \pm 5\%$
- Rotational Life.....Standard life: 500 cycles, $\Delta\text{TR} \pm 5\%$
Long life: 10,000 cycles, $\Delta\text{TR} \pm 10\%$

Type of Rotor & Shaft

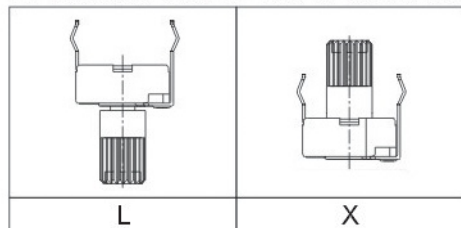
1、TYPE OF ROTOR



2、TYPE OF SHAFT



3、DIRECTION OF SHAFT INSERT



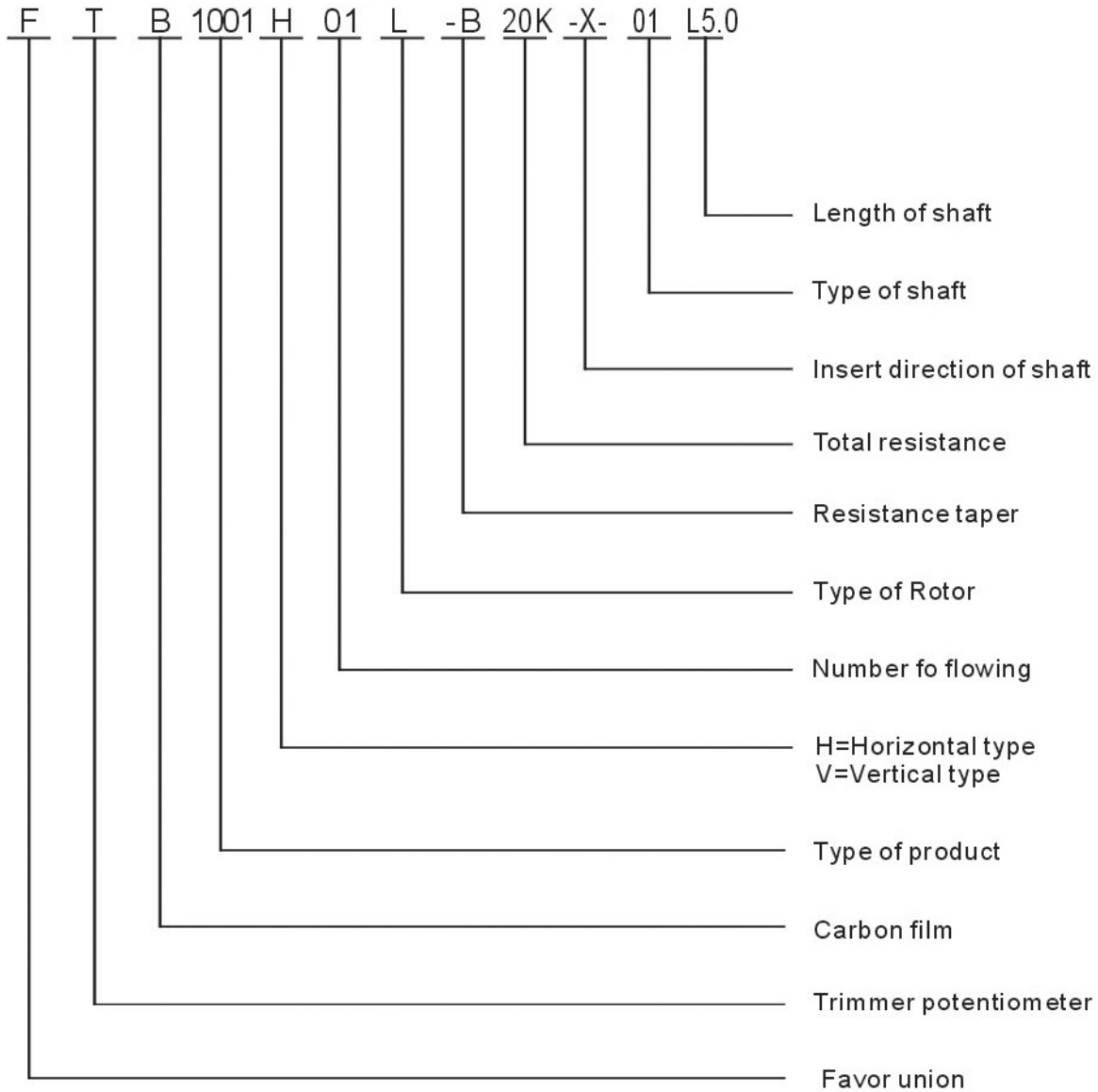


FTB1001 Series

Trimmer Potentiometer

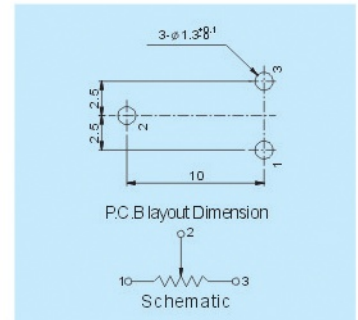
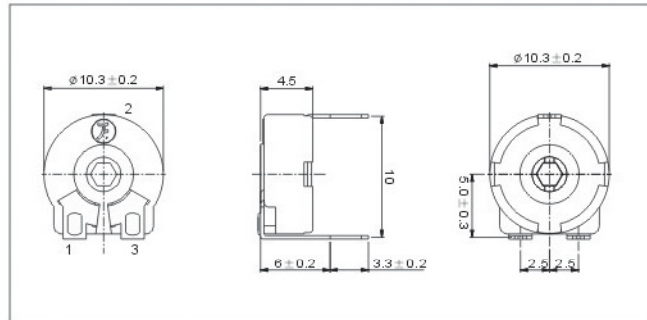


HOW TO ORDER



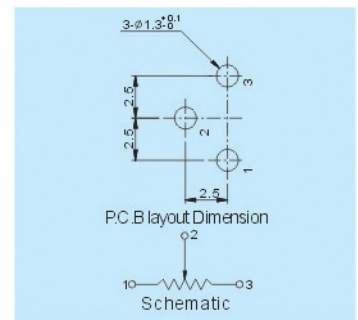
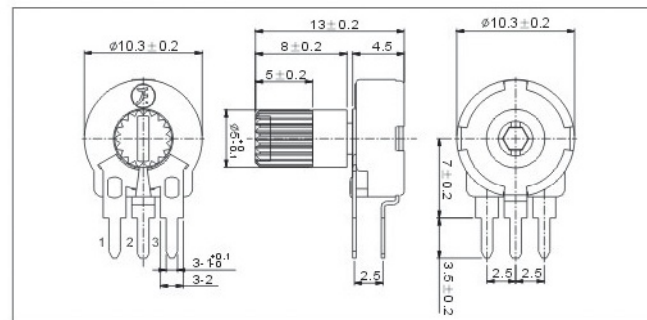
FTB1001H01M

Horizontal Type, Pitch:
10x5mm



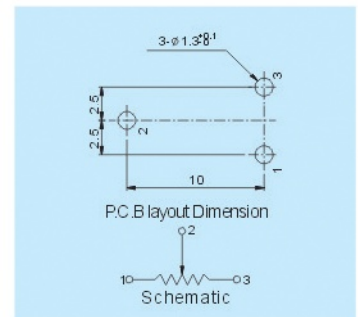
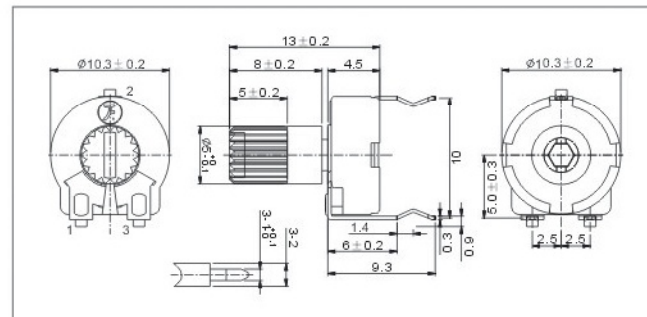
FTB1001V01M

Vertical Type, With
shaft, Pitch:5x2.5mm



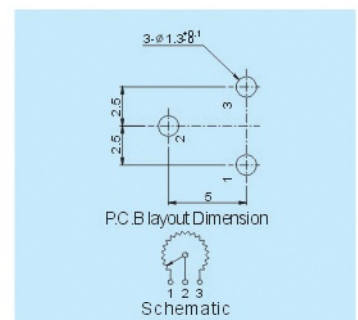
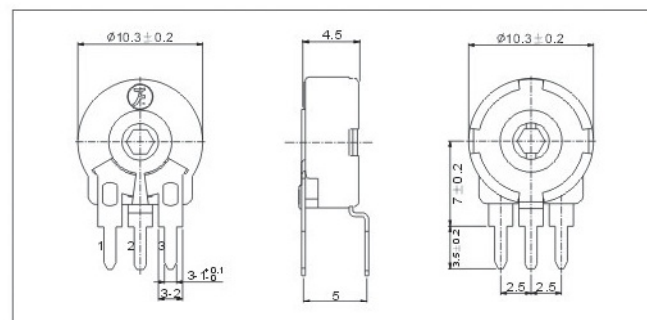
F TB1001H02M-XX-X-04L10.0

Horizontal Type, With
shaft, Pitch:5x10mm



FTB1001V02L

Vertical Type, Pitch:5x5mm



F TB1001H01M-XX-X-04L10.0

Horizontal Type, With shaft,
Pitch 5x10mm

