



Feature

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

FTB0602 Series 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 taper
- Voltage rating..... B Taper: DC 100V; A, C Taper: DC 50V
- Power rating..... B Taper: @50°C, 0.1W; A, C Taper: @50°C, 0.05W
- Rotational Noise..... 150mV Max($TR < 1M\Omega$); 300mV Max($TR > 1M\Omega$)
- Residual resistance value..... Terminal 1~2: 2Ω Min or 0.5% of total resistance
Terminal 2~3: 2Ω Min or 0.5% of total resistance

Mechanical characteristics

- Total Rotational Angle..... $235^\circ \pm 5^\circ$
- Electrical effective angle..... $200^\circ \pm 20^\circ$
- Stopper Strength..... 400gf.cm Min
- Rotational Torque..... 20gf.cm ~ 200gf.cm

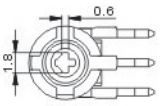
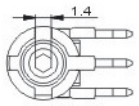
Environmental characteristics

- Temperature Range..... -25°C ~ +70°C
- Temperature Coefficient..... $\pm 500\text{ppm}/^\circ\text{C}$ ($TR < 100K$)
 $\pm 1000\text{ppm}/^\circ\text{C}$ ($TR \geq 100K$) at -25°C ~ +70°C
- Humidity..... 95%RH at 40°C, 500H, $\Delta TR 70^\circ\text{C} \pm 10\%$

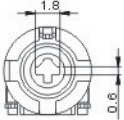
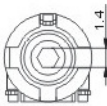
- Dry heat..... $70 \pm 3^{\circ}\text{C}$, 240H, $\Delta\text{TR} \pm 5/-15\%$
- Temperature cycles..... $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$, 5 cycles, $\Delta\text{TR} \pm 5\%$
- Load life.....@ 50°C , rated power 1000 hours, $\Delta\text{TR} \pm 10\%$
- Resistance to soldering heat..... $260 \pm 5^{\circ}\text{C}$; 10Sec, $\Delta\text{TR} \pm 5\%$
- Rotational Life.....Standard life: 500 cycles, $\Delta\text{TR} \pm 5\%$
Long life: 10,000 cycles, $\Delta\text{TR} \pm 10\%$

Type of Rotor

FTB0602V Series

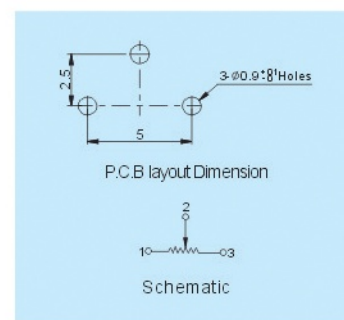
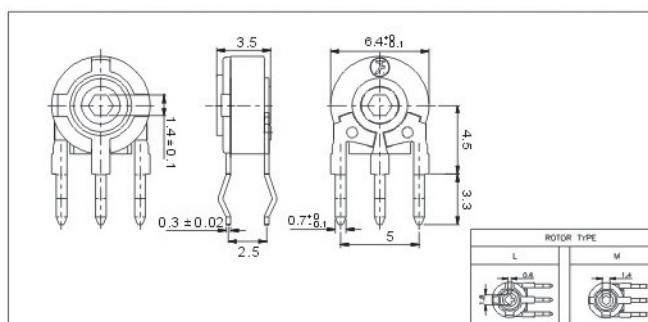
ROTOR TYPE	
L	M
	

FTB0602H Series

ROTOR TYPE	
L	M
	

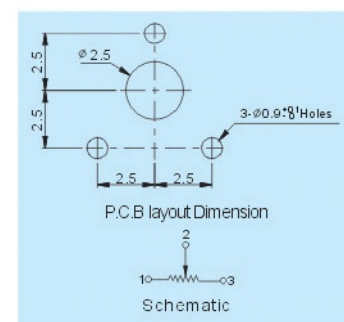
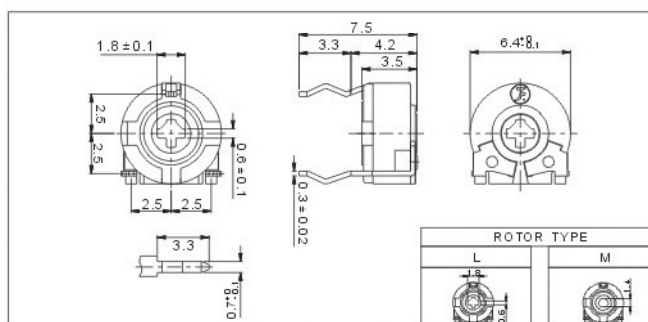
FTB0602V01L

Vertical Type, Pitch:
5x2.5mm



FTB0602H01L

Horizontal Type, Pitch:
5x5mm





FTB0602 Series

Trimmer Potentiometer



HOW TO ORDER

