



Feature

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

10mm Dust Proof Trimmers

Electrical characteristics

- Total resistance range..... $1K\Omega \sim 1M\Omega$
- 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
- Contact Noise..... 10% Max ($TR < 1M\Omega$); 25% Max ($TR \geq 1M\Omega$)
- Residual resistance value..... $R < 100K\Omega$ Terminal 1~2 and 2~3: 10 Ω Max
 $R \geq 100K\Omega$ Terminal 1~2 and 2~3: Less than 0.5% of total resistance
- Electrical rotational Angle..... $220^\circ \pm 20^\circ$

Mechanical characteristics

- Total Rotational Angle..... $235^\circ \pm 10^\circ$
- 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, $\Delta TR \pm 5\% \sim 15\%$
- Load life..... @50°C, rated power 1000 hours, $\Delta TR \pm 10\%$
- Resistance to soldering heat..... $260 \pm 5^\circ\text{C}$; 10 sec, $\Delta TR \pm 5\%$
- Rotational Life..... 10,000cycles, $\Delta TR \pm 10\%$

HOW TO ORDER

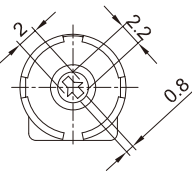
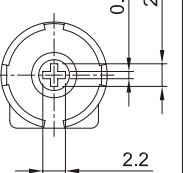
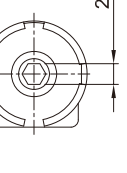
FTB10-		01	H	1	M	0	X	B	100K																																																																
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Note 1: Shaft Type

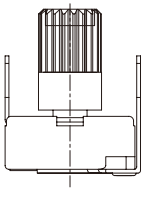
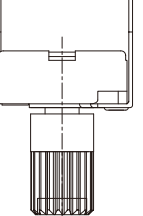
Without Shaft			
0	1	2	3

4	5

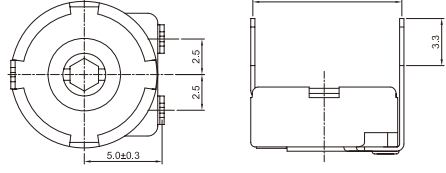
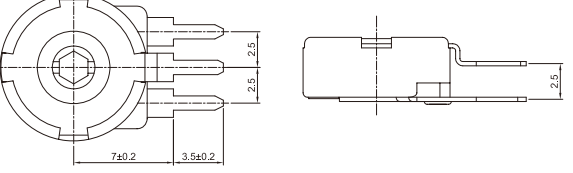
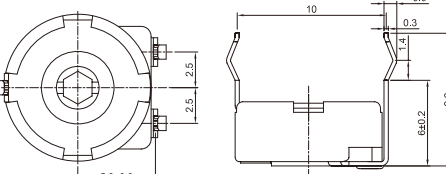
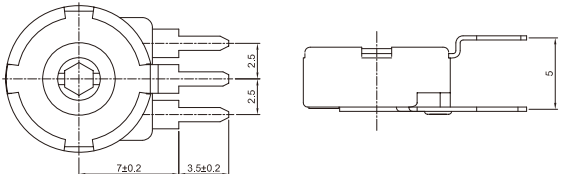
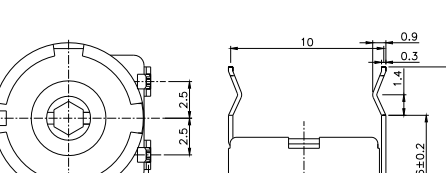
Note 2: Rotor type (only M-type can install shaft)

		
L	X	M

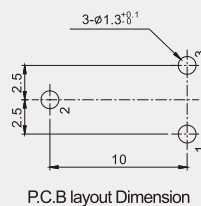
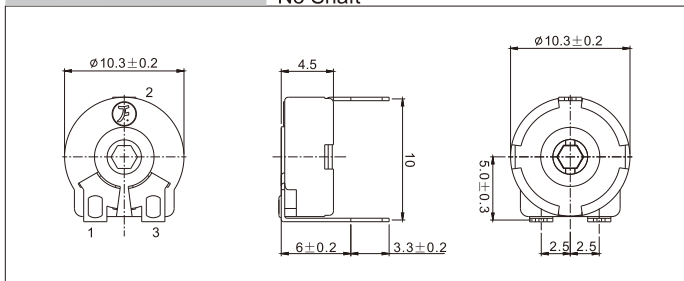
Note 3: Insert Direction of Shaft

Without Shaft		
N	M	X

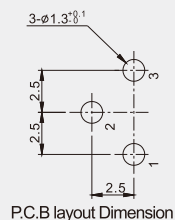
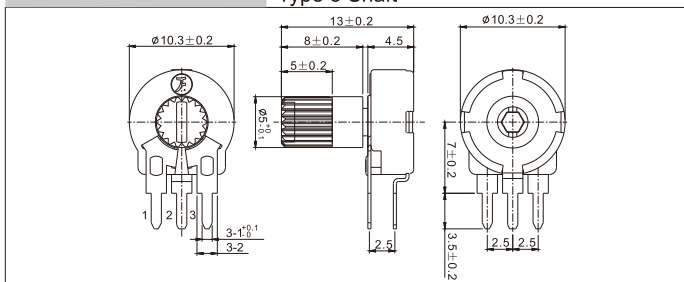
Note 4: Terminal Type

	Top Adjust type (H)	Side Adjust Type(V)
Type 1		
Type 2		
Type 3		Note Available

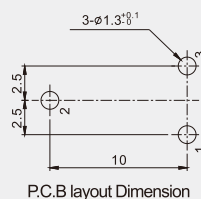
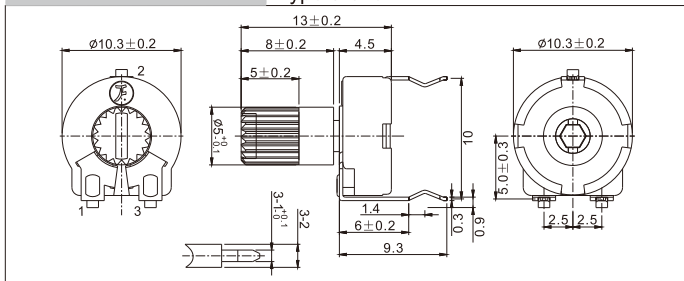
FTB10-01H1M0N Top Adjust, Type 1 Terminal, M-Type Rotor, No Shaft



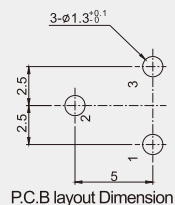
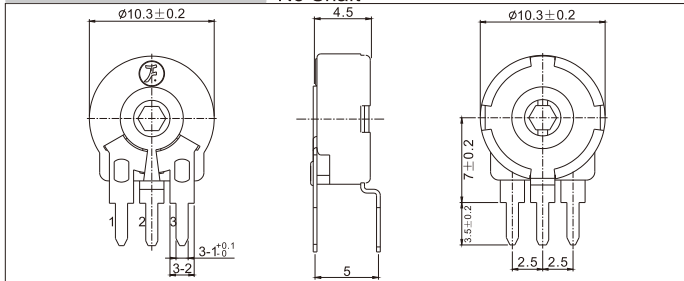
FTB10-01V1M3X Side Adjust, Type 1 Terminal, M-type Rotor, Type 3 Shaft



FTB10-01H2M3X Top Adjust, Type 2 Terminal, M-Type Rotor, Type 3 Shaft



FTB10-01V2M0N Side Adjust, Type 2 Terminal, M-Type Rotor, No Shaft



FTB10-01H1M3X Top Adjust, Type 1 Terminal, M-Type Rotor, Type 3 Shaft

