



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, $\Delta TR \pm 10\%$

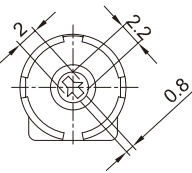
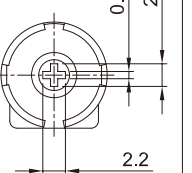
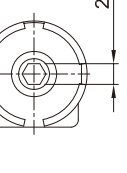
HOW TO ORDER

FTB10-	01	H	1	M	0	X	B	100K	1
Model Series									
Code	Product Type								
01	Standard								
		Terminal Configuration							
		H	Top Adjust, PC Pins						
		V	Side Adjust, PC Pins						
		Terminal Type							
		See Note 4							
			Rotor Type						
			See Note 2						
			Shaft Type						
			See Note 1						
			Insert Direction of Shaft						
			See Note 3						
			Code	Resistance Taper					
			A	Audio(15A)					
			B	Linear(0B)					
			C	Reverse Audio(15C)					
							Total Resistance		
							1K		
							2K		
							5K		
							10K		
							20K		
							50K		
							100K		
							200K		
							500K		
							1MEG		
								Code	Operation Life
								(Blank)	Std. Life w/o anti-sulfur
								1	Std. Life w/ anti-sulfur

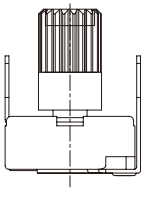
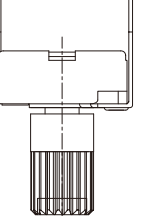
Note 1: Shaft Type

Without Shaft				
0	1	2	3	
4	5			

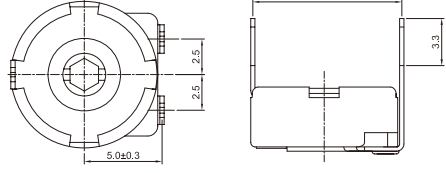
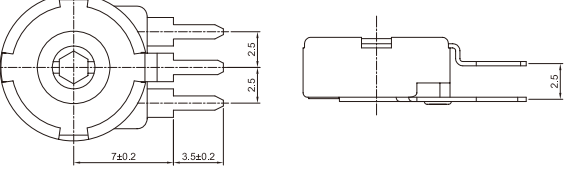
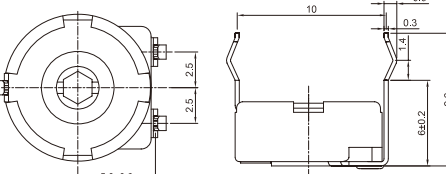
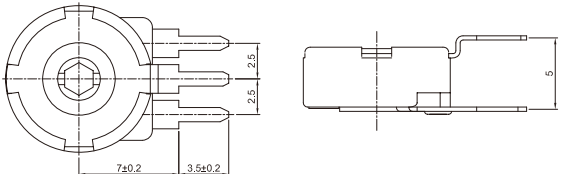
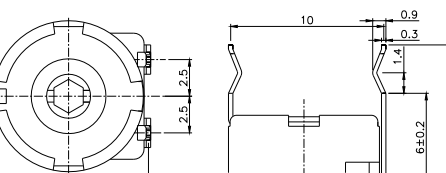
Note 2: Rotor type (only M-type can install shaft)

		
L	X	M

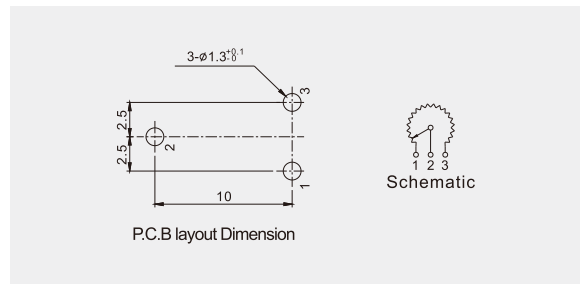
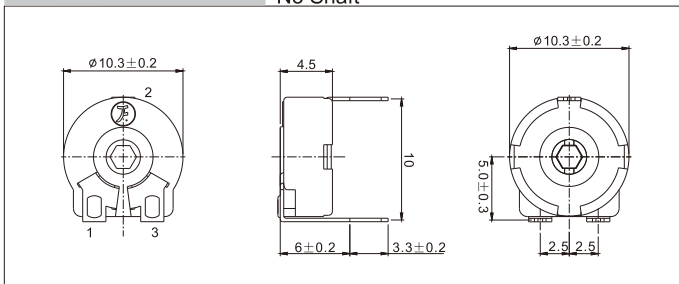
Note 3: Insert Direction of Shaft

Without Shaft		
N	M	X

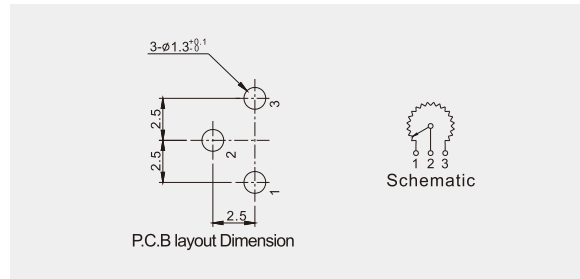
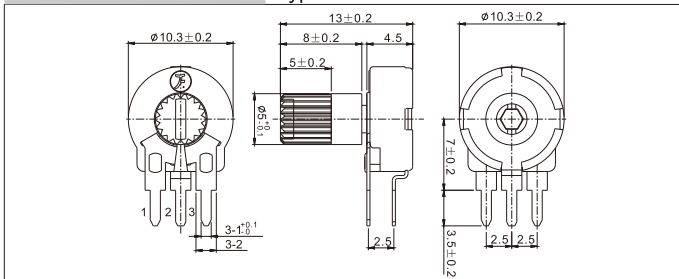
Note 4: Terminal Type

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

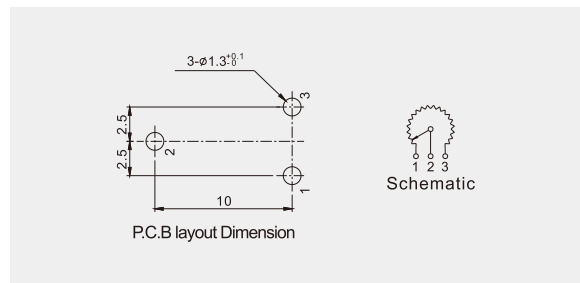
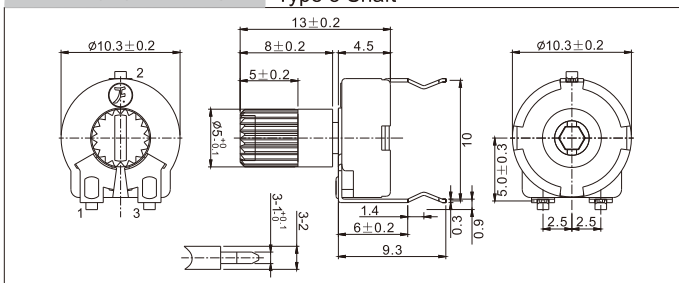
FTB10-01H1M0N Top Adjust, Type 1 Terminal, M-Type Rotor, No Shaft



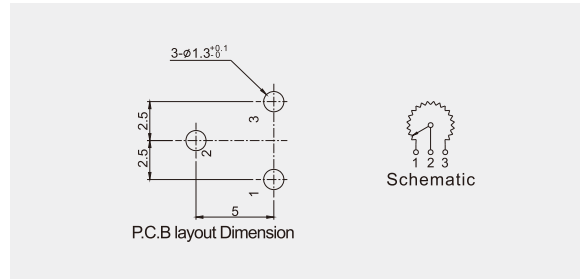
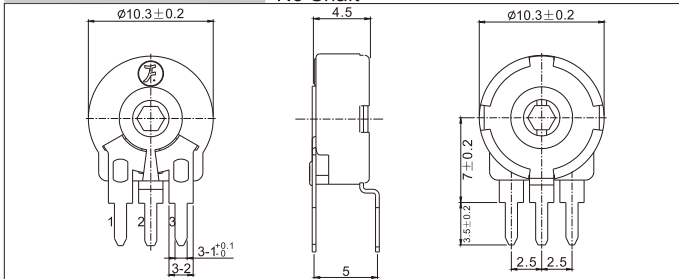
FTB10-01V1M3X Side Adjust, Type 1 Terminal, M-type Rotor, Type 3 Shaft



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

