



Feature

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

15mm 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, D taper.
- Voltage Rating.....B Taper :DC 250V; A, C, D taper :DC 125V
- Contact Noise.....B Taper :10% Max; A, C, D taper : 20% Max
- Residual Resistance Value.....Terminal 1~2:10 Ω Max
Terminal 2~3:10 Ω Max
- Electrical Rotational Angle..... $240^\circ \pm 20^\circ$

Mechanical characteristics

- Total Rotational Angle..... $265^\circ \pm 5^\circ$
- Stop Strength.....10N.cm Min
- Rotational Torque.....50 gf.cm~250 gf.cm

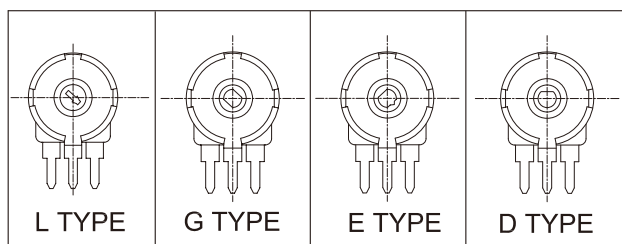
Environmental characteristics

- Temperature Range.....-25°C~+70°C
- Power Rating.....B Taper:@50°C,0.25W; A, C, D Taper:@50°C,0.12W
- Temperature Coefficient..... $\pm 500\text{ppm}/^\circ\text{C}$ ($TR < 100K$), at -25°C~+70°C
- Humidity.....95%RH at 40°C, 500H, $\Delta TR \pm 5\%$
- Dry Heat..... $70 \pm 3^\circ\text{C}$, 240H, $\Delta TR \pm 5\%$
- Temperature Cycles.....-25°C(30min), 25°C(15min), 70°C(30min)
25°C(15min)5cycles $\Delta TR \pm 5\%$
- Load Life.....@50°C, rated power 1000 hours, $\Delta TR \pm 5\%$
- Resistance to Heat..... $260 \pm 5^\circ\text{C}$; 10 sec, $\Delta TR \pm 5\%$
- Soldering Condition..... $260 \pm 5^\circ\text{C}$; 5Sec Max
- Rotational Life.....10,000 cycles, $\Delta TR \pm 10\%$

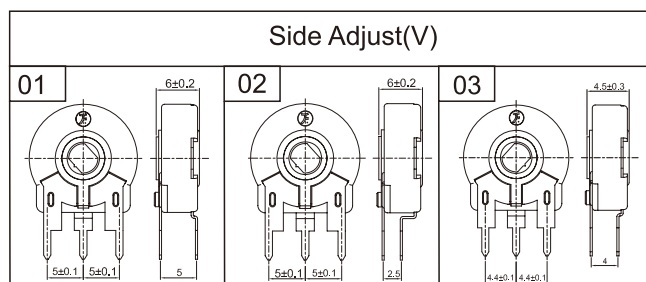
HOW TO ORDER

FTB15-		01		H		01		L		B		100K	
Model Series						Terminal Style						Total Resistance	
						See Note 2						1K	
Code		Product Type										2K	
01		Standard										4.7K	
								Rotor Type				5K	
								See Note 1				10K	
Code		Terminal Configuration								Code		Resistance Taper	
H		Top Adjust, PC Pins								A		Audio(15A)	
V		Side Adjust, PC Pins								B		Linear(0B)	
										C		Reverse Audio(15C)	
										D		Audio(10A)	
												20K	
												50K	
												100K	
												200K	
												500K	
												1MEG	

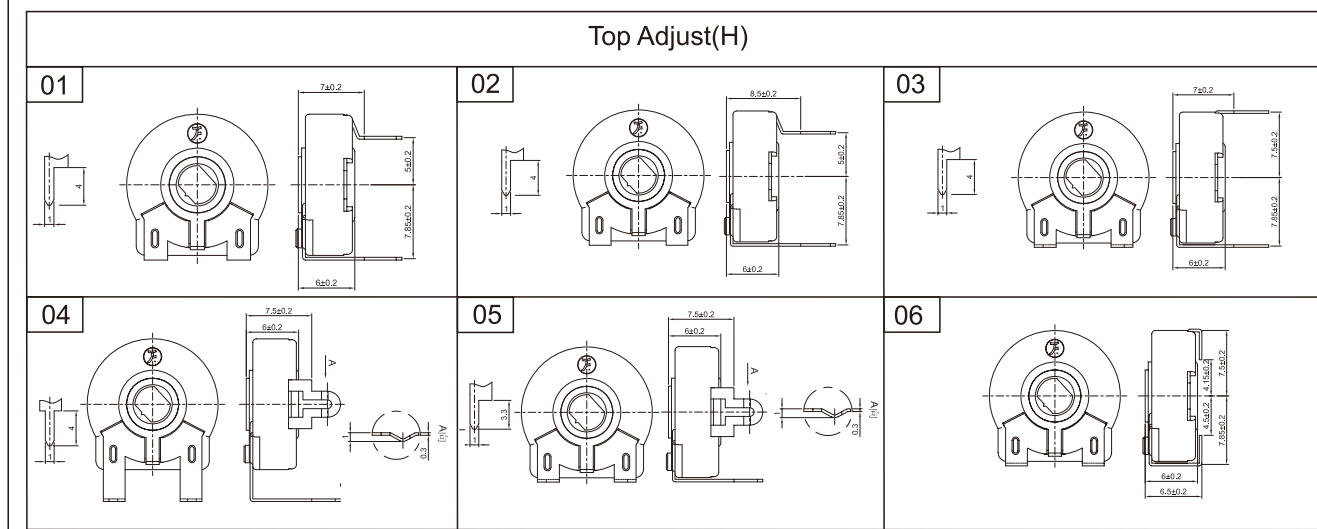
Note 1: Rotor Type



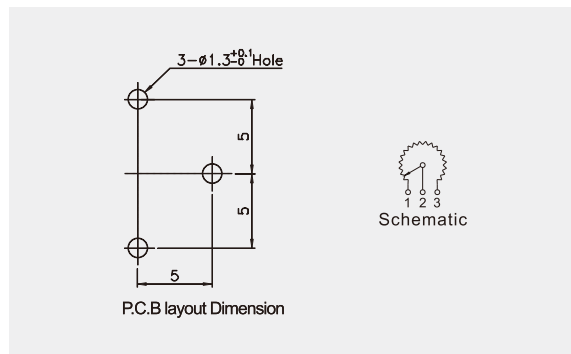
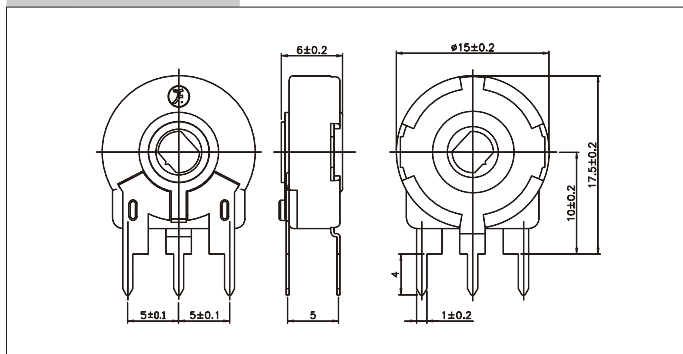
Note 2: Terminal Styles



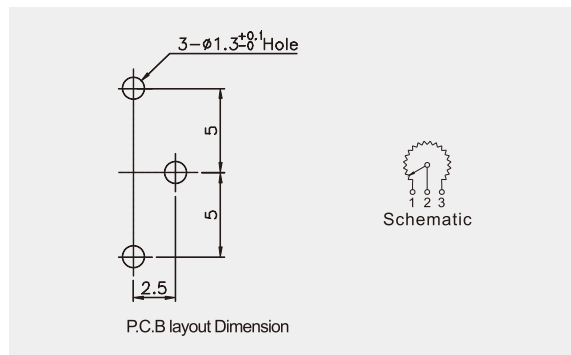
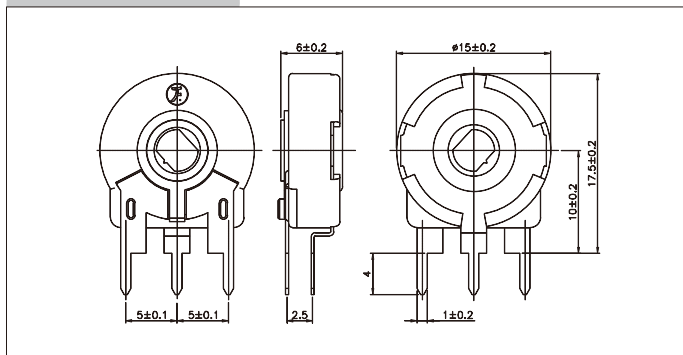
Top Adjust(H)



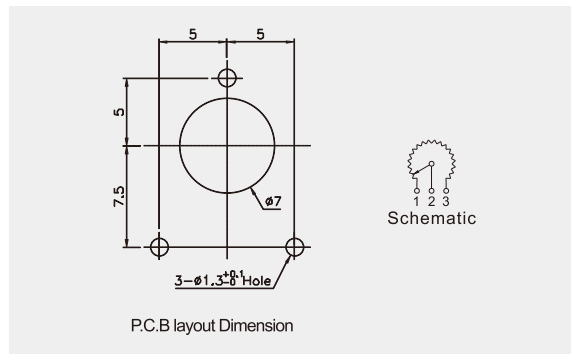
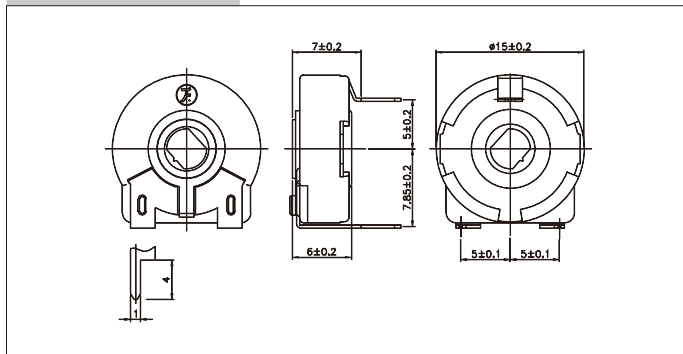
FTB15-01V01E Side Adjust, 01-Type Terminal, E-Type Rotor



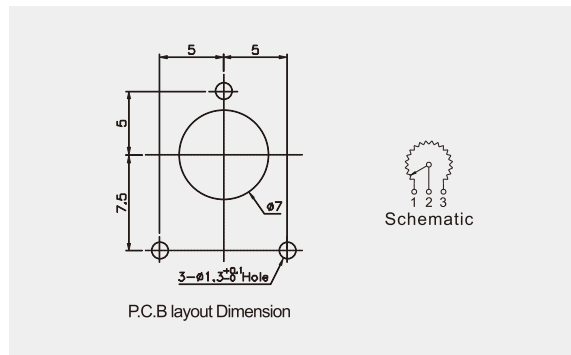
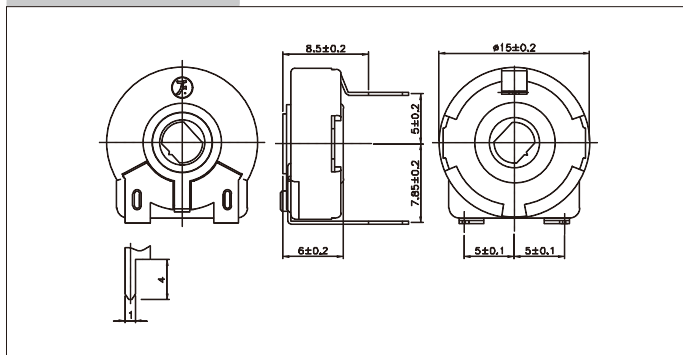
FTB15-01V02E Side Adjust, 02-Type Terminal, E-Type Rotor



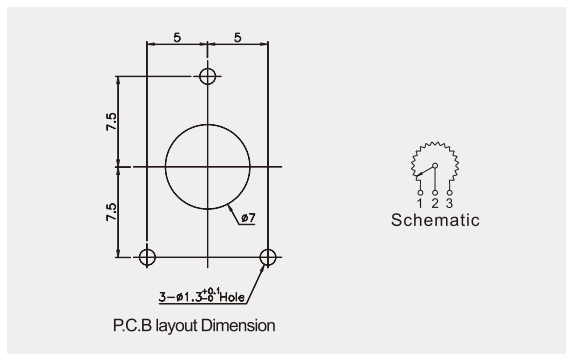
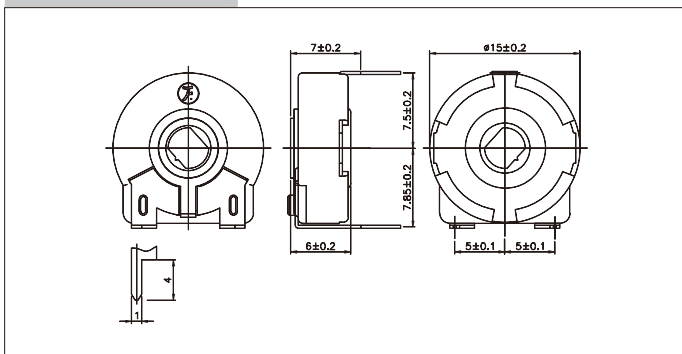
FTB15-01H01E Top Adjust, 01-Type Terminal, E-Type Rotor



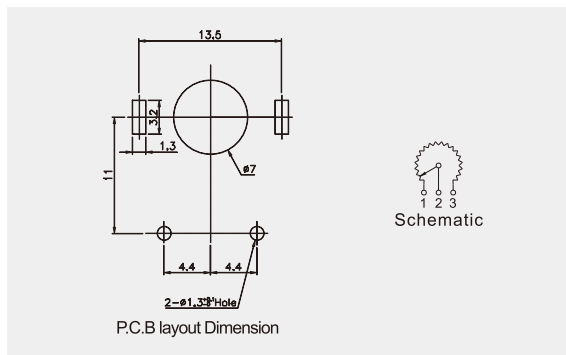
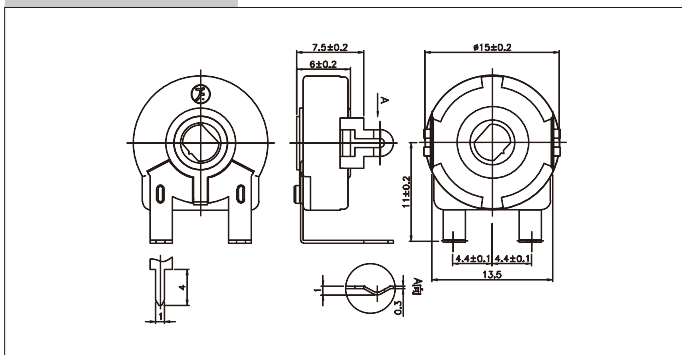
FTB15-01H02E Top Adjust, 02-Type Terminal, E-Type Rotor



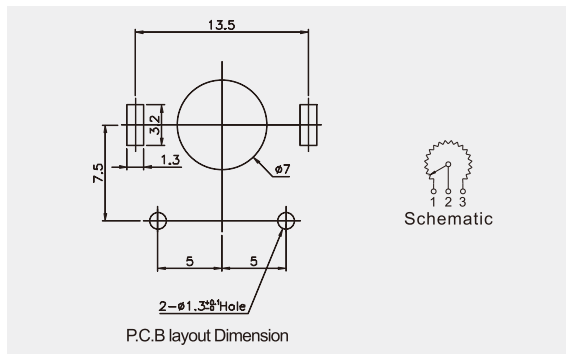
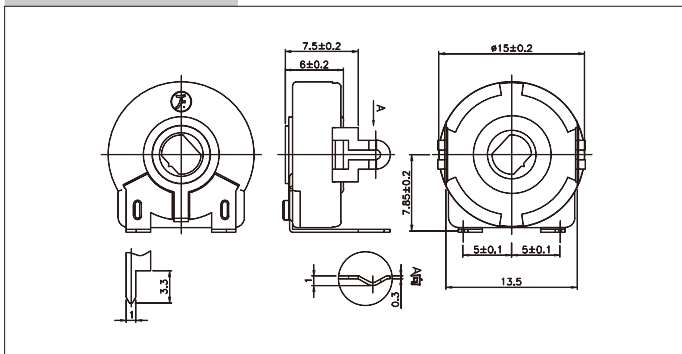
FTB15-01H03E Top Adjust, 03-Type Terminal, E-Type Rotor



FTB15-01H04E Top Adjust, 04-Type Terminal, E-Type Rotor



FTB15-01H05E Top Adjust, 05-Type Terminal, E-Type Rotor



FTB15-01H06E Top Adjust, 06-Type Terminal, E-Type Rotor

