# FTB15 Series
## Trimmer Potentiometer

### Feature

1.Carbon resistive element.

2 Dust proof enclosure

3.Housing available in self-extinguish plactic(UL94V-0)

### 15mm Dust Proof Trimmers

### Electrical characteristics

- Total Resistance Range.....100Ω ≤TR≤5MΩ
- Resistance Tolerance.....1KΩ<TR<1MΩ ±20%
  100Ω ≤TR≤1KΩ ±30%
  1MΩ ≤TR≤5MΩ ±30%
- Resistance Taper.....A,B,C, D taper.
- Voltage Rating.....B Taper :DC 250V; A,C,D taper :DC 125V
- Contactl Noise.....B Taper :10% Max; A,C,D taper : 20% Max
- Residual Resistance Value.....Terminal 1~2:10Ω Max
  Terminal 2~3:10Ω Max
- Electrical Rotational Angle.....240°±20°

### Mechanical characteristics

- Total Rotational Angle.....265°±5°
- Stop Strength.....10N.cm Min
- Rotational Torque.....50 gf.cm~250 gf.cm

### Environmental characteristics

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

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## HOW TO ORDER

| FTB15- | 01 | H | 01 | L | B | 100K | 1 |
|---|---|---|---|---|---|---|---|

**Model Series**

| Code | Product Type |
|---|---|
| 01 | Standard |

**Terminal Style**

| See Note 2 |
|---|

| Code | Terminal Configuration |
|---|---|
| H | Top Adjust, PC Pins |
| V | Side Adjust, PC Pins |

**Rotor Type**

| See Note 1 |
|---|

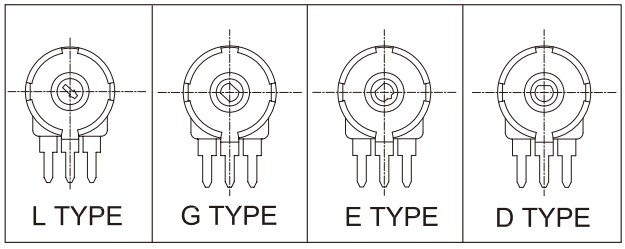
| Code | Resistance Taper |
|---|---|
| A | Audio(15A) |
| B | Linear(0B) |
| C | Reverse Audio(15C) |
| D | Audio(10A) |

**Total Resistance**

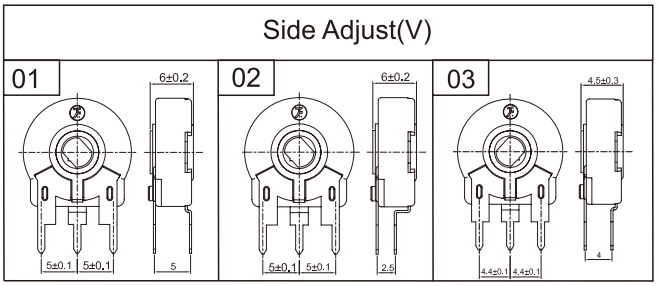
| |
|---|
| 1K |
| 2K |
| 4.7K |
| 5K |
| 10K |
| 20K |
| 50K |
| 100K |
| 200K |
| 500K |
| 1MEG |

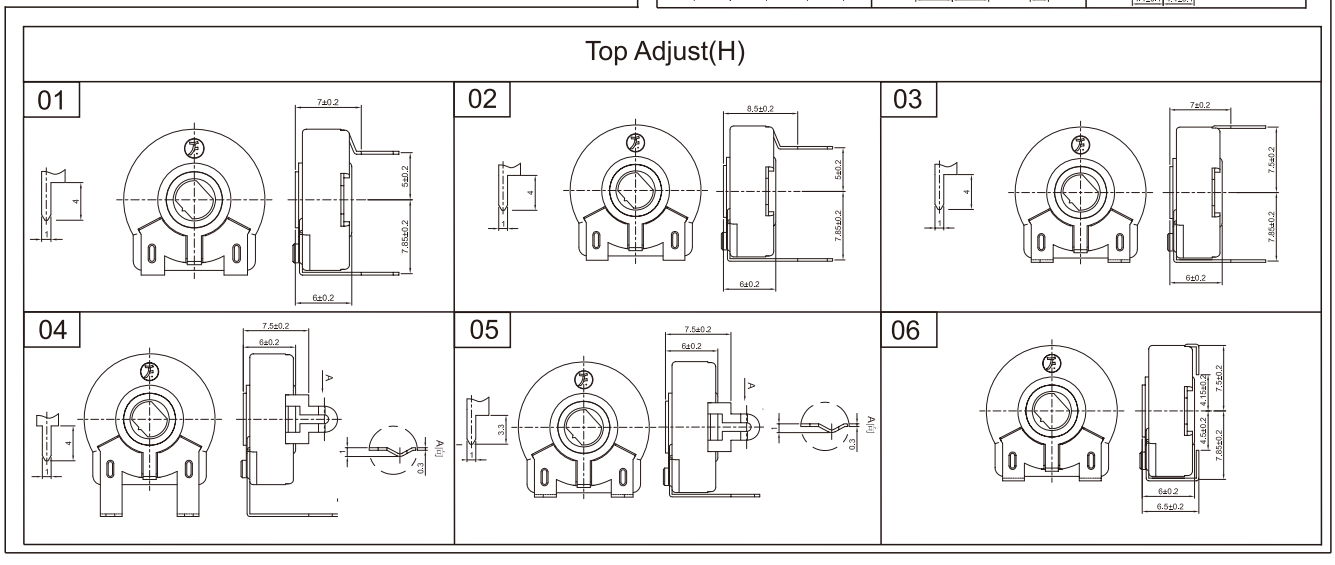
| Code | Operation Life |
|---|---|
| (Blank) | Std. Life w/o anti-sulfur |
| 1 | Std. Life w/ anti-sulfur |

### Note 1: Rotor Type



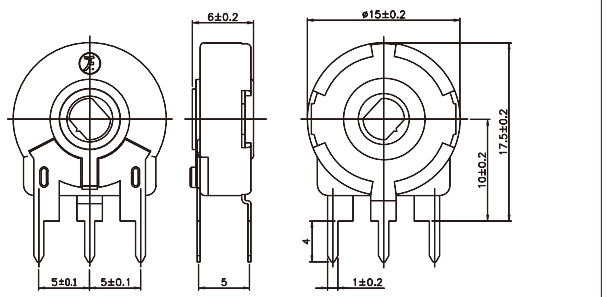

### Note 2: Terminal Styles

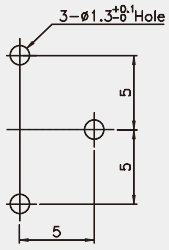


# FTB15 Series
## Trimmer Potentiometer

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

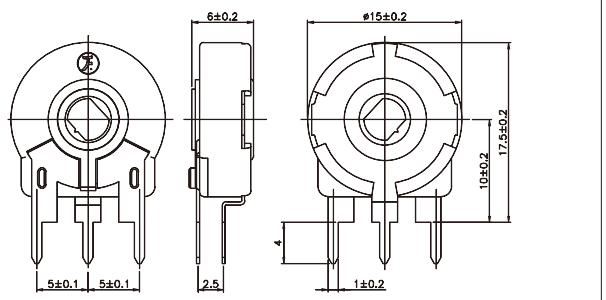


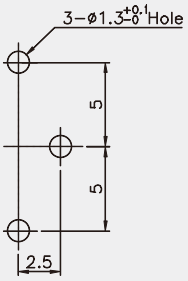



P.C.B layout Dimension

Schematic

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

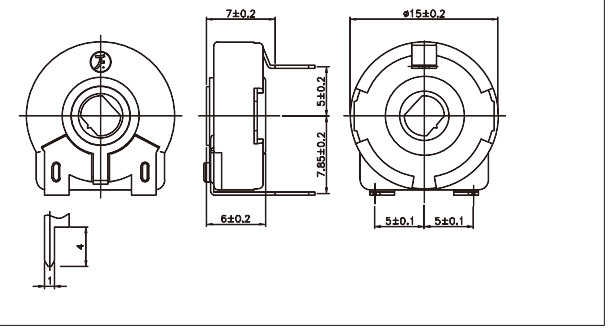


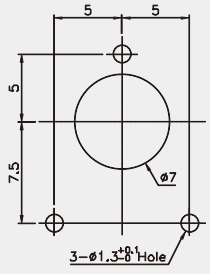



P.C.B layout Dimension

Schematic

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

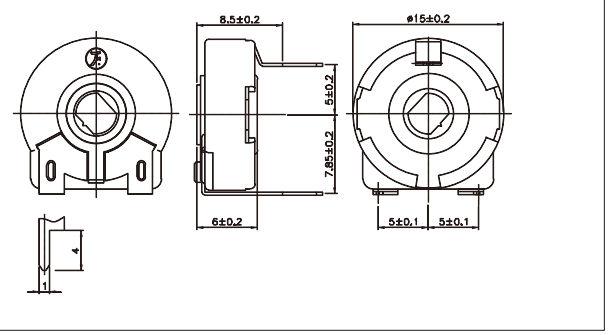


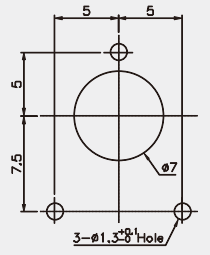



P.C.B layout Dimension

Schematic

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



P.C.B layout Dimension

Schematic

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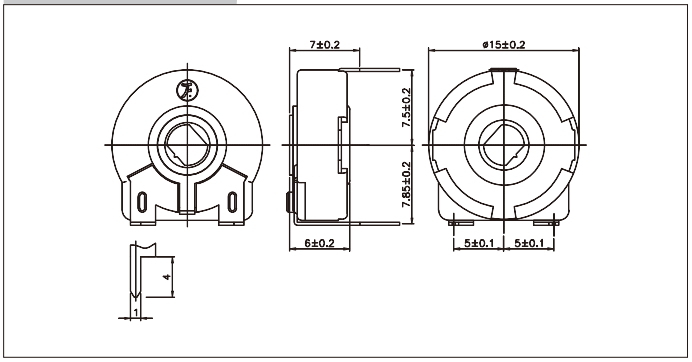
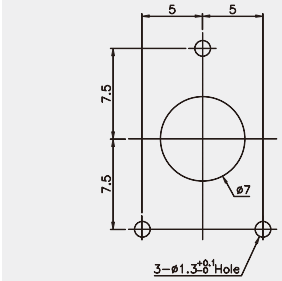
### FTB15-01H03E Top Adjust, 03-Type Terminal, E-Type Rotor

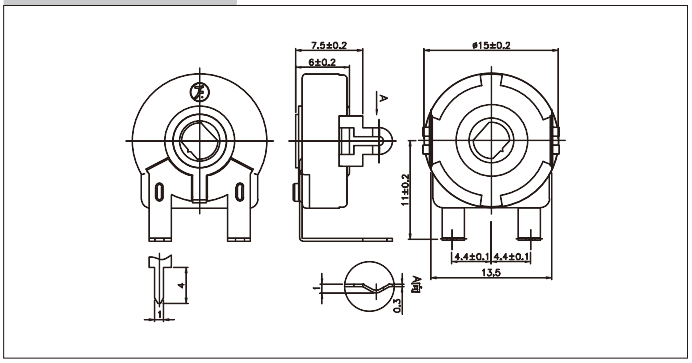


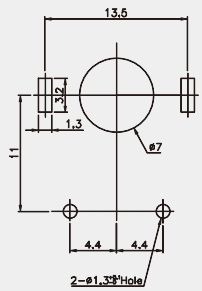



P.C.B layout Dimension

Schematic

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

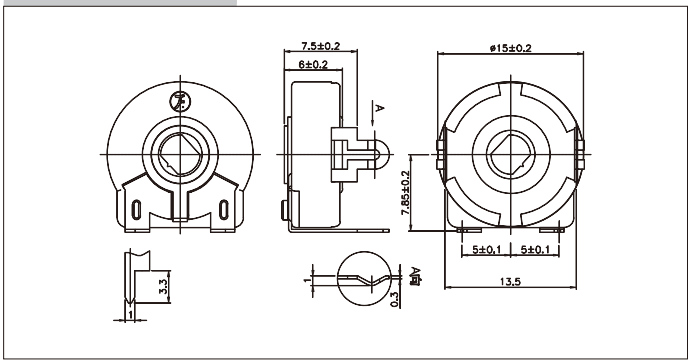


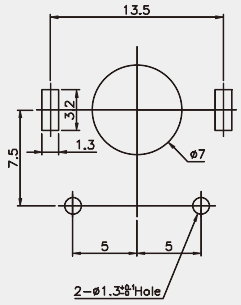



P.C.B layout Dimension

Schematic

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

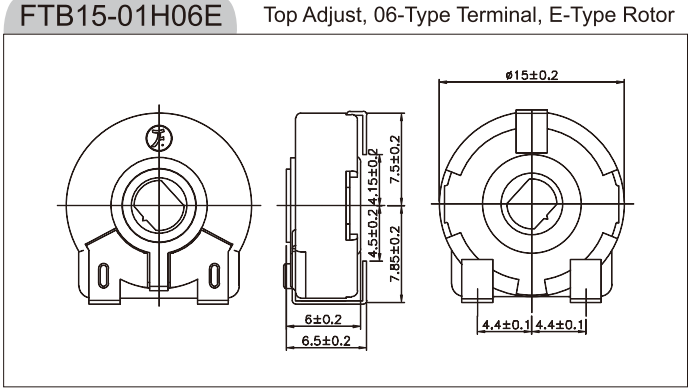


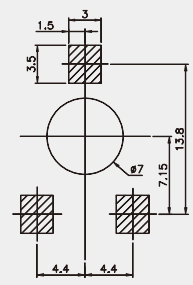



P.C.B layout Dimension

Schematic

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



P.C.B layout Dimension

Schematic