# Open Type Trimmer

## Model 35

**Features:**

- 3 mm
- Open frame  surface mount
- Cermet
- RoHS compliant

## Model Styles Available

| | |
|---|---|
| Top Adjust | 35W |

## Electrical

| | |
|---|---|
| Resistance Range | 100 to 1,000,000 Ohms |
| Standard Resistance Tolerance | ±25% |
| Input Voltage, Maximum | 50 V |
| Power rating, Watts | 0.1 @ 70˚C |
| End Resistance, Maximum | >1000 Ohms: 20 Ohms Max; > 1000 Ohms: 2% Max |
| Actual Electrical Travel | 250˚±20˚ |
| Mechanical Travel (35E) | 280˚±20˚ |
| Insulation Resistance, Minimum | 100 Megohms |
| Resolution | Essentially infinite |
| Contact Resistance Variation | 5% Max. |
| Temperature Coefficient of Resistance | ±250 ppm/˚C |

## Mechanical

| | |
|---|---|
| Torque, Maximum (35W, 35C) | 2.8 in. oz. |
| Torque, Maximum (35E) | 1.4 in. oz. |
| Weight, Approx. | 0.01 oz. |
| Wiper Position | Approx. 50% |



TT Electronics | BI Technologies
4200 Bonita Place, Fullerton, CA USA 92835-1053 |Ph: +1 714-447-2300
www.ttelectronics.com | sensors@ttelectronics.com

## Environmental

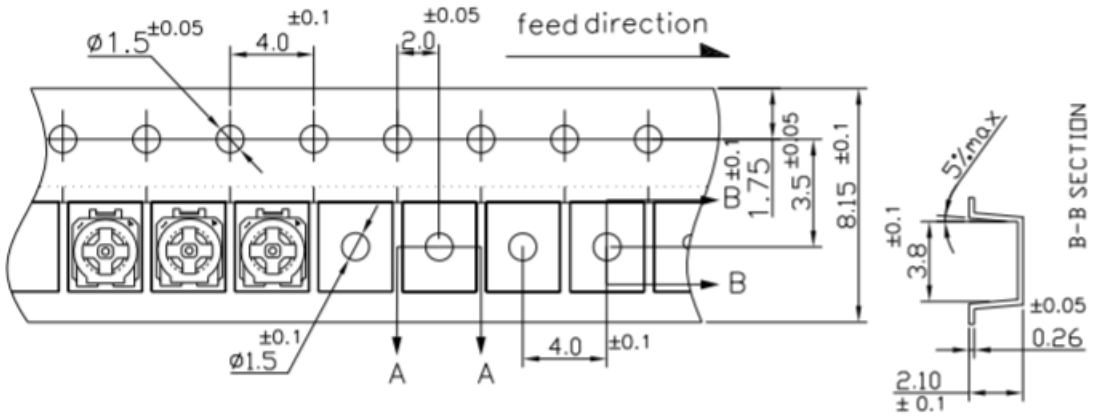
| | |
|---|---|
| Operating Temperature Range | -40°C to +125°C |
| Rotational Life, 20 Cycles | ±15% ΔR |
| Load Life, 0.1W, 1000 Hours, 70°C | ±5% ΔR |
| Resistance to Solder Heat | 260°C for 10 sec. |
| Aqueous cleaning not recommended | |

## Ordering Information

**35 W R10K LF TR**

- 35 — Model Series
- W — Style W
- R10K — Resistance Value (see tables below)
- LF — RoHS Compliant Product Code
- TR — Packaging Option: TR - 7" Tape & Reel, 2000/reel

## Packaging Information







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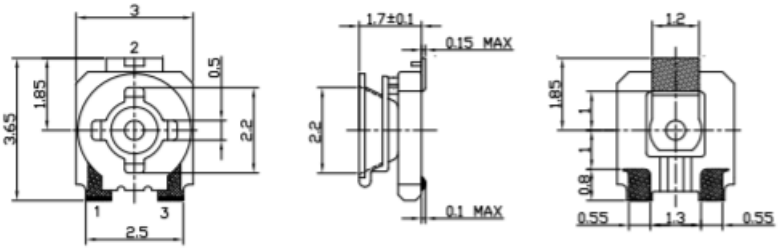
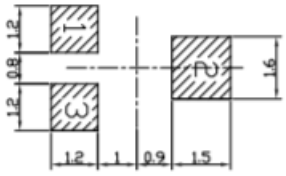
## Outline Drawings

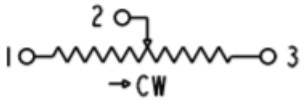
**Model 35W (Top Adjust)**




Recommended land pattern

## Circuit Diagram




## Standard Resistance Values, Ohms

| Resistance (ohms) |
|---|
| 100 |
| 200 |
| 500 |
| 1K |
| 2K |
| 5K |
| 10K |
| 20K |
| 50K |
| 100K |
| 200K |
| 500K |
| 1MEG |

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