Open Type Trimmer

Model 38

Features:

- 10 mm single turn
- Dust proof
- Carbon element
- Low TCR
- RoHS compliant



Model Styles Available

Top Adjust	38P
Side Adjust	38W

Electrical

Resistance Range	100 to 1,000,000 Ohms
Standard Resistance Tolerance	≤1K: ±30%, >1K: ±20%, ±30%
Input Voltage, Maximum	200 Vdc
Power rating, Watts	Linear :0.15W, others : 0.07W, at 50℃
End Resistance, Maximum	2 ohms or 0.5% whichever is greater
Actual Electrical Travel	220°±20°
Insulation Resistance, Minimum	100 Megohms
Resolution	Essentially infinite
Contact Resistance Variation	5% Max.
Temperature Coefficient of Resistance	±500 ppm/°C

Mechanical

Torque, Maximum	1.5 in - oz.
Wiper Position	Approx. 50%

General Note
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Ph: + 1 (714) 447-2345
www.ttelectronics.com/bi-technologies

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Environmental

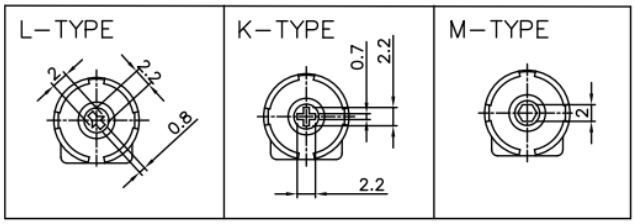
Operating Temperature Range	-25℃ to +70℃
Rotational Life, 500 Cycles	±3% ΔR
Load Life, 0.15W, 100 Hours, 50°C	±5% ΔR
Resistance to Solder Heat	260°C for 3 sec.
Aqueous cleaning not recommended	

Ordering Information

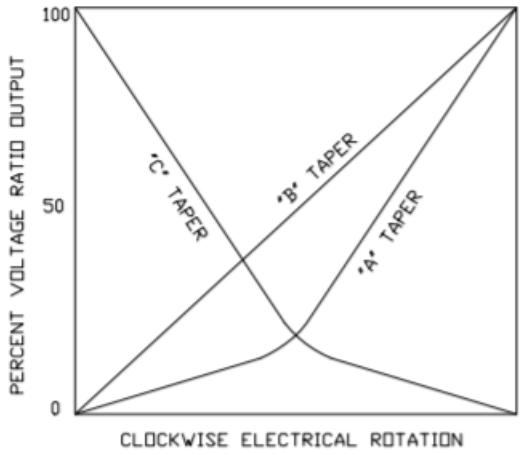
38 W L A B R100K LF 30

- Model Series
- Styles
- Rotor Options (see below)
- PCB Layout (see below)
- Std. Package 500 pc/bag
- Taper : A,B,C (see below)
- Total Resistance
- RoHS Compliant Product Code
- Tolerance : 20 - ±20% 30 - ±30%

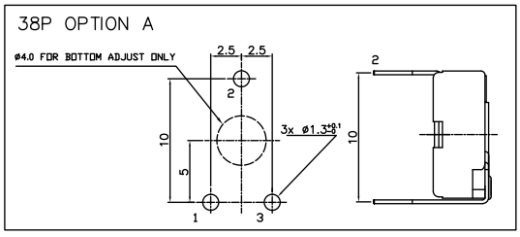
Rotor Options

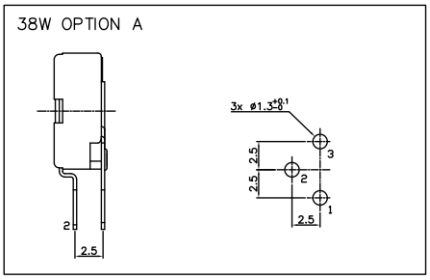


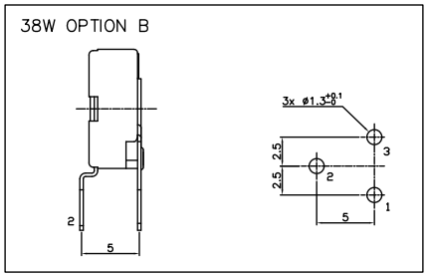
Taper Options



PCB Layout Options







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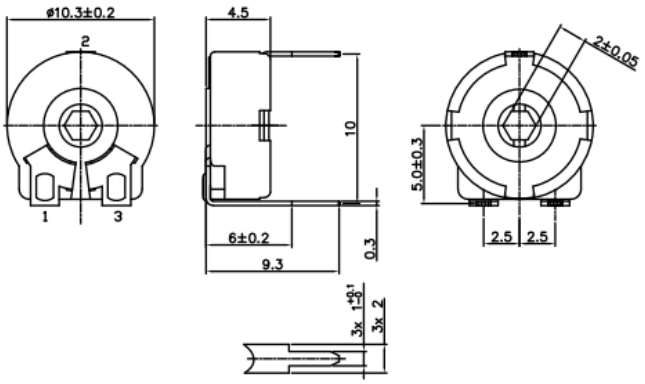
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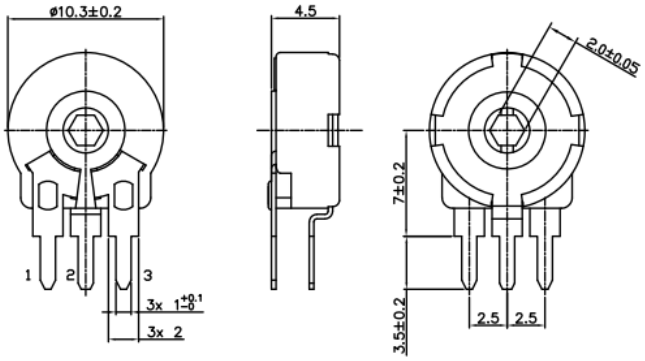
Model 38

Outline Drawings

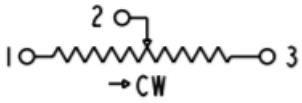
Model 38P (Top Adjust)



Model 38W (Side Adjust)



Circuit Diagram



Standard Resistance Values, Ohms

100	500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1MEG

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