MODEL 38
10 mm Single-Turn Trimmer
Dust Proof
Carbon Element
Low TCR
RoHS Compliant

New Product



STYLES AVAILABLE

Top Adjust	38P
Side Adjust	38W

ELECTRICAL[1]

Resistance Range	100 to 1,000,000 Ohms
Standard Resistance Tolerance	± 30%, (±20% and ±10% available)
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%

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	

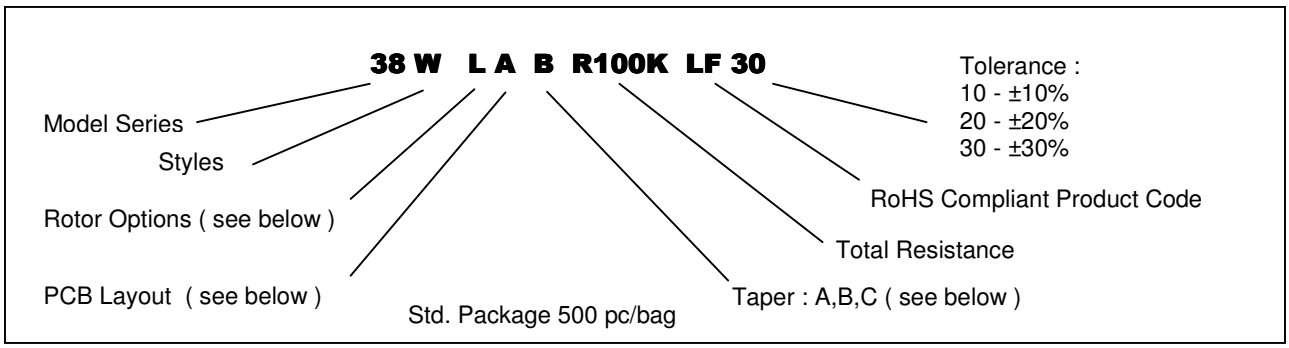
[1] *Specifications subject to change without notice.*

BI Technologies Corporation
4200 Bonita Place, Fullerton, CA 92835 USA
Phone: 714 447 2345 Website: www.bitechnologies.com

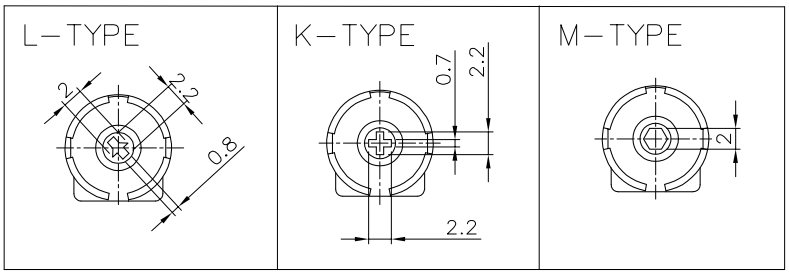
TT electronics
BI technologies

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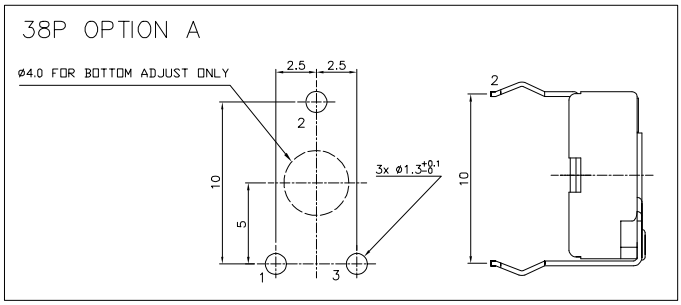
ORDERING INFORMATION[2]

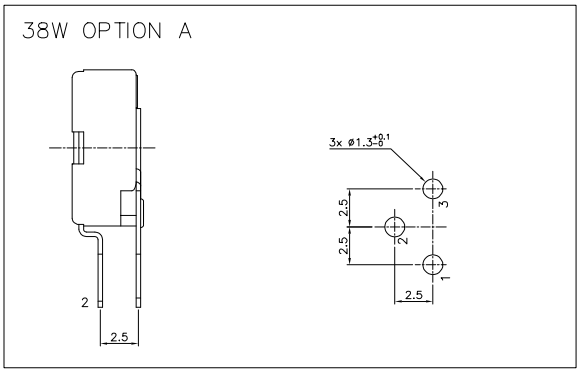


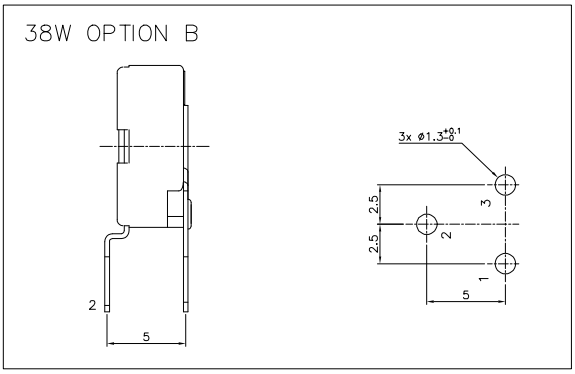
Rotor Options



PCB Layout Options



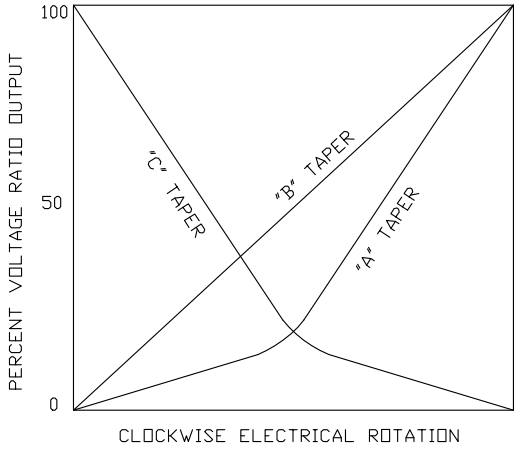




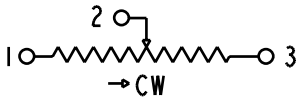
[2] *Contact our customer service for custom designs and features.*

MODEL 38

Taper Options



CIRCUIT DIAGRAM

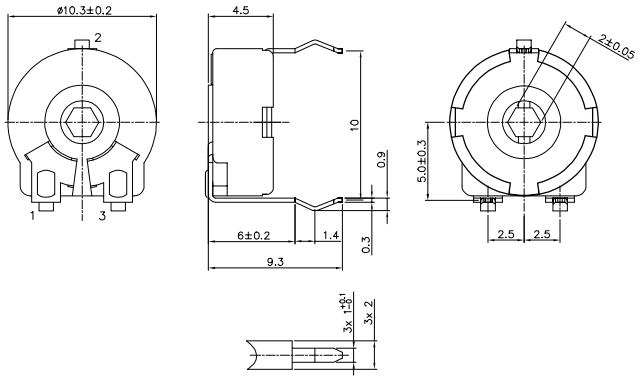


STANDARD RESISTANCE VALUES AND MARKING

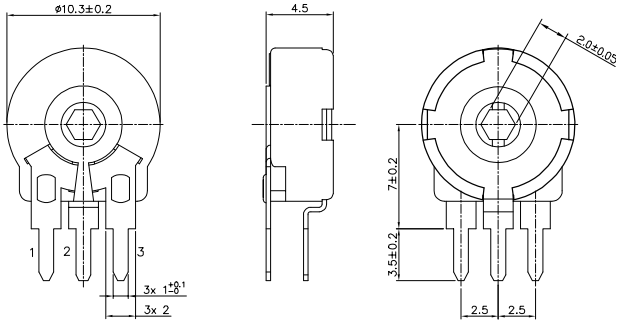
100	500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1MEG

OUTLINE DRAWING[3]

Model 38P (Top Adjust)



Model 38W (Side Adjust)



[3] *Dimensions are in millimeters, Tolerances are ±.025 mm unless otherwise stated.*