

Open Type Trimmer

Model 39



Features:

- 15 mm single turn
- Dust proof
- Carbon element
- RoHS compliant



Model Styles Available

Top Adjust	39P
Side Adjust	39W

Electrical

Resistance Range	100 to 1,000,000 Ohms
Standard Resistance Tolerance	$\pm 30\%$, ($\pm 20\%$ and $\pm 10\%$ available)
Input Voltage, Maximum	250 Vdc
Power rating, Watts	Linear :0.25W, others : 0.15W, at 50°C
End Resistance, Maximum	$< 500K - 2 \text{ ohms}$ and $\geq 500K - 1\%$
Actual Electrical Travel	$250^\circ \pm 20^\circ$
Insulation Resistance, Minimum	100 Megohms
Resolution	Essentially infinite
Contact Resistance Variation	5% Max.

Mechanical

Torque, Maximum	2 in. oz.
Weight, Approx.	0.01 oz.
Wiper Position	Approx. 50%

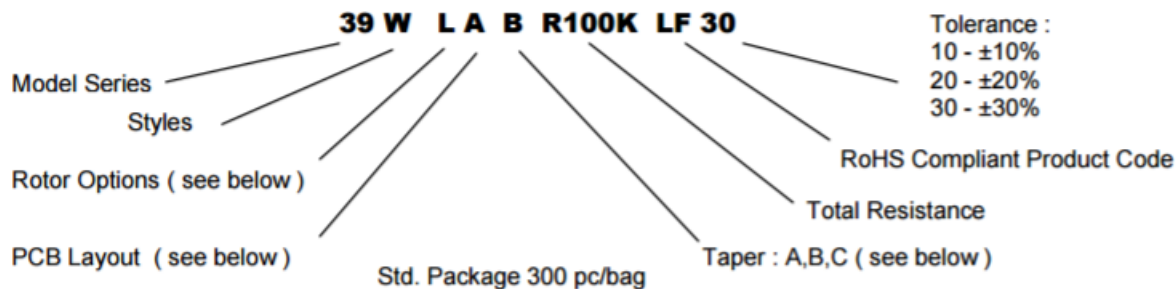
Environmental

Operating Temperature Range	-25°C to $+70^\circ\text{C}$
Rotational Life, 500 Cycles	$\pm 3\% \Delta R$
Load Life, 0.25W, 1000 Hours, 50°C	$\pm 5\% \Delta R$
Resistance to Solder Heat	260°C for 3 sec.
Aqueous cleaning not recommended	

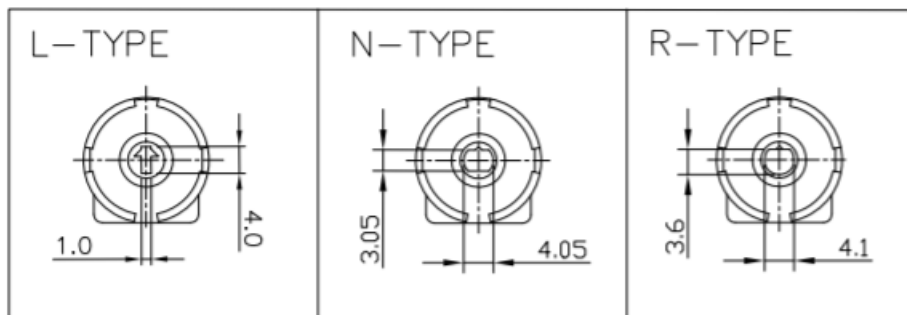
General Note

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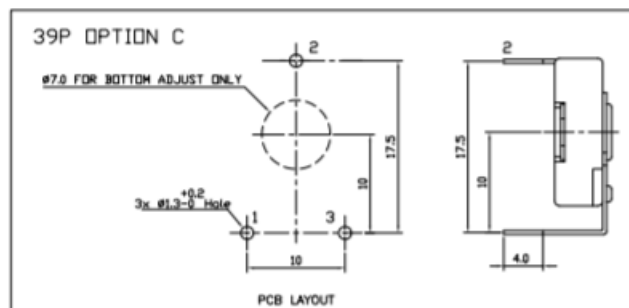
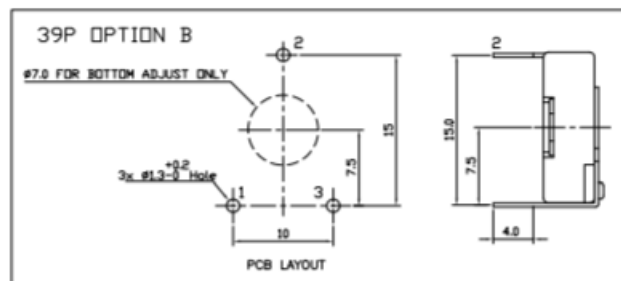
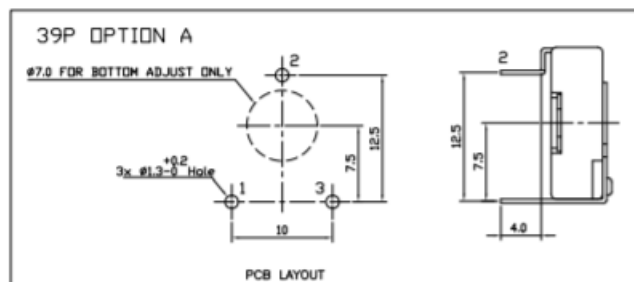
Ordering Information



Rotor Options



PCB Layout Options (39P)



General Note

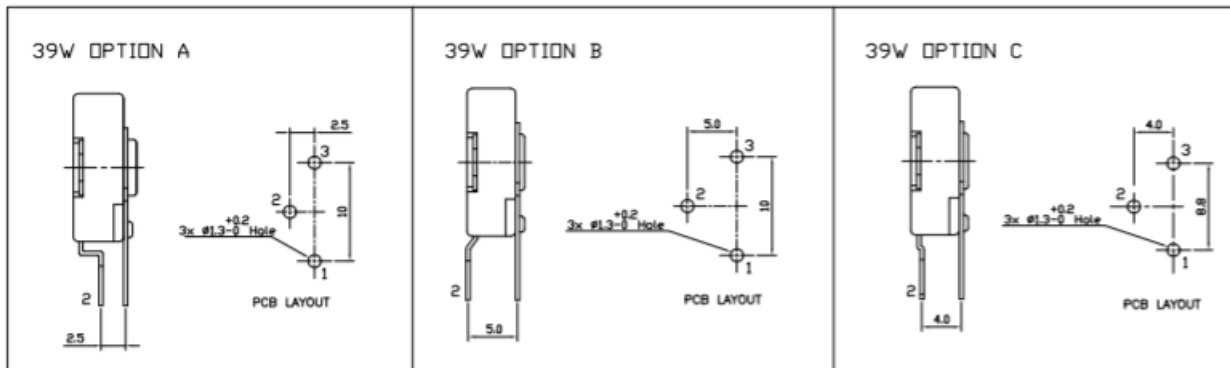
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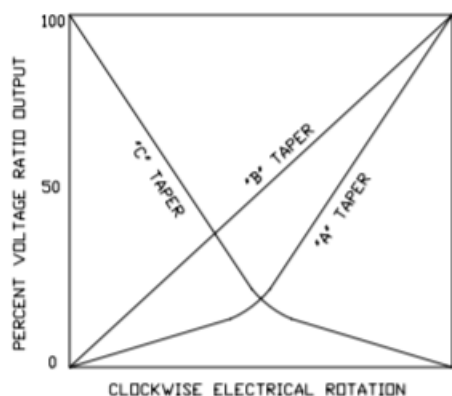
Model 39



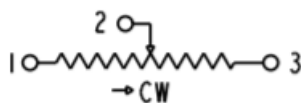
PCB Layout Options (39W)



Taper Options



Circuit Diagram



Standard Resistance Values, Ohms

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

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Mouser Electronics

Authorized Distributor

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TT Electronics:

<u>39PNAAR1MEGLF20</u>	<u>39PRBBR1MEGLF30</u>	<u>39PLBBR1MEGLF30</u>	<u>39PNBCR1MEGLF10</u>	<u>39PRBAR1MEGLF30</u>
<u>39WLAAR1MEGLF20</u>	<u>39WLABR1MEGLF30</u>	<u>39PRBCR1MEGLF10</u>	<u>39PLBAR1MEGLF20</u>	<u>39PLAAR1MEGLF20</u>
<u>39PNBAR1MEGLF30</u>	<u>39WNAAR1MEGLF10</u>	<u>39WNACR1MEGLF30</u>	<u>39WNBCR1MEGLF30</u>	<u>39WLCAR1MEGLF20</u>
<u>39WNCAR1MEGLF30</u>	<u>39PNBCR1MEGLF20</u>	<u>39WLACR1MEGLF10</u>	<u>39PLAAR1MEGLF30</u>	<u>39PRAAR1MEGLF30</u>
<u>39PNBBR1MEGLF10</u>	<u>39WNBRR1MEGLF20</u>	<u>39PLBAR1MEGLF30</u>	<u>39PNCAR1MEGLF20</u>	<u>39PLCAR1MEGLF20</u>
<u>39PRACR1MEGLF20</u>	<u>39PNBAR1MEGLF10</u>	<u>39PRCAR1MEGLF20</u>	<u>39PNBCR1MEGLF30</u>	<u>39PLBCR1MEGLF20</u>
<u>39PLACR1MEGLF30</u>	<u>39PNABR1MEGLF30</u>	<u>39PLABR1MEGLF20</u>	<u>39PNBBR1MEGLF30</u>	<u>39PNACR1MEGLF20</u>
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<u>39PLCCR1MEGLF30</u>	<u>39PLCBR1MEGLF20</u>	<u>39PNABR1MEGLF10</u>	<u>39PLACR1MEGLF10</u>	<u>39WLABR1MEGLF10</u>
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