

Open Type Trimmer

Model 39



OBSOLETE

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%

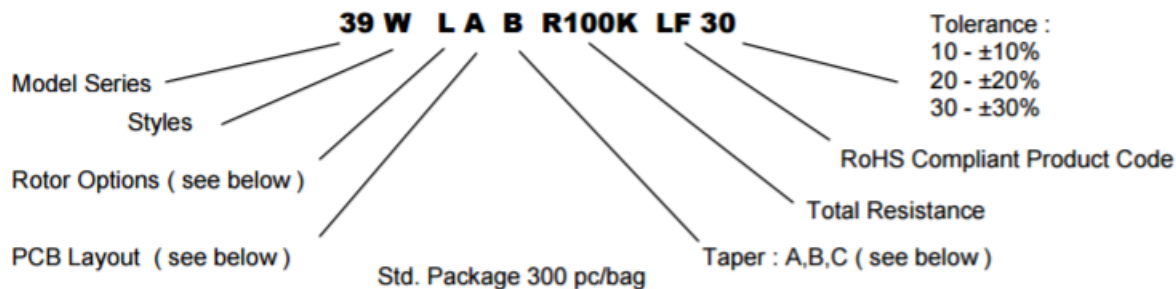
Environmental

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	

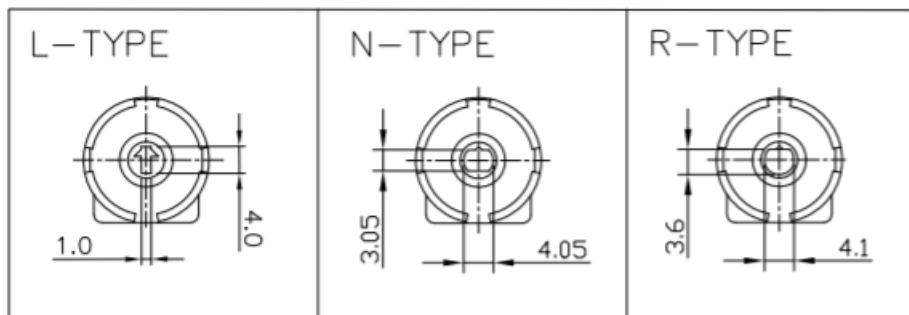
General Note

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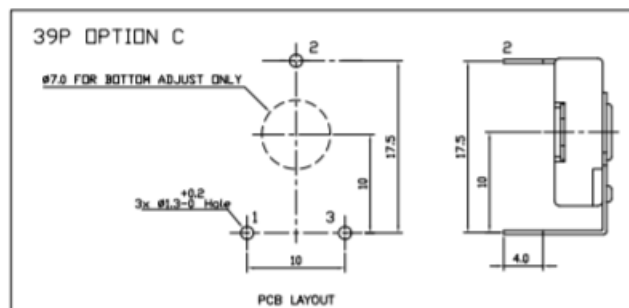
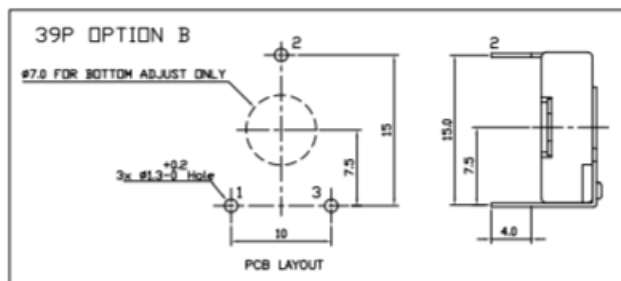
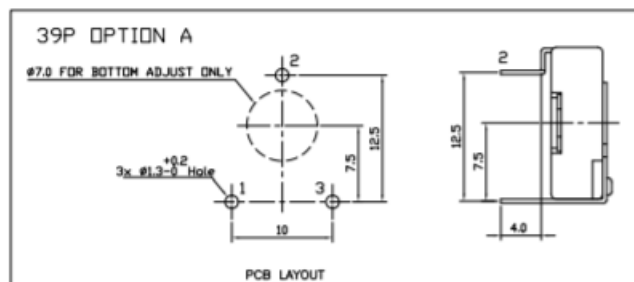
Ordering Information



Rotor Options



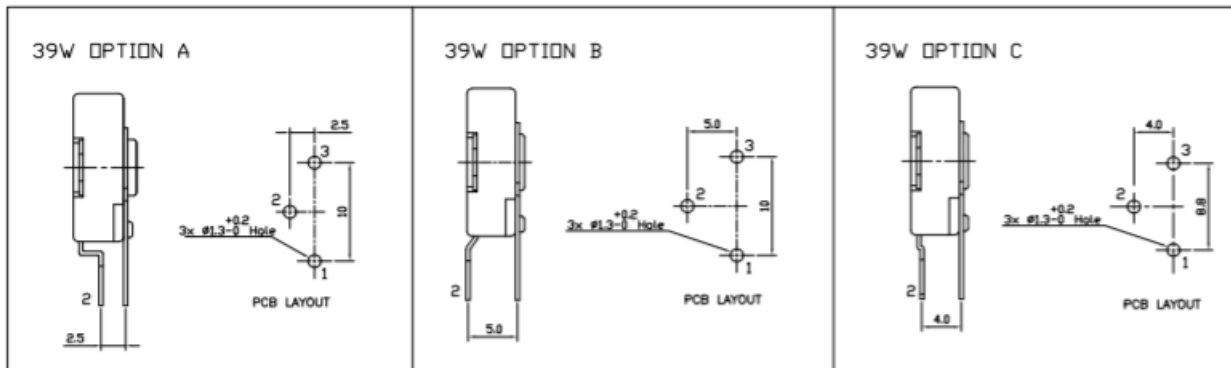
PCB Layout Options (39P)



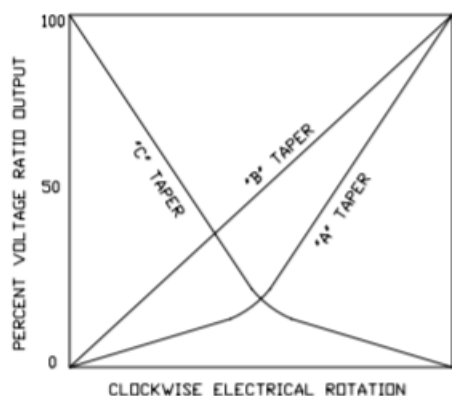
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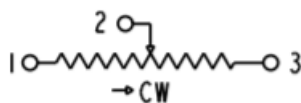
PCB Layout Options (39W)



Taper Options



Circuit Diagram



Standard Resistance Values, Ohms

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

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