

MSV02 Technical Summary

Selected data compiled from the series MSV02 datasheet

Mechanical travel	60 mm / 100 mm
Standard resistance	5 k Ω / 10 k Ω
Standard resistance tolerance	$\pm 20\%$
Resistance taper	Linear
Linearity	$\pm 2.5\%$ maximum in the detailed electrical table
End resistance	10 Ω maximum
Noise (C.R.V.)	100 mV maximum
Element power rating	0.25 W at 40 °C, derated to 0 W at 85 °C
Maximum element input voltage	200 VDC; this is not a motor supply rating
No-load operating life	1,000,000 cycles
Operating temperature	-10 to +70 °C
Storage temperature	-20 to +85 °C

The reference specification is $\pm 2.5\%$ maximum linearity. Tighter precision is available by order code. Motor operating voltage must be confirmed separately.

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Configuration and integration

Travel

60 mm or 100 mm.

Lever style

T or TL construction, as shown in the source drawings.

Precision

Standard $\pm 2.5\%$; ordering options A $\pm 1\%$ or B $\pm 1.5\%$.

Resistance tolerance

A $\pm 10\%$ or B $\pm 20\%$. Motor drive requirements need a separate configuration review.

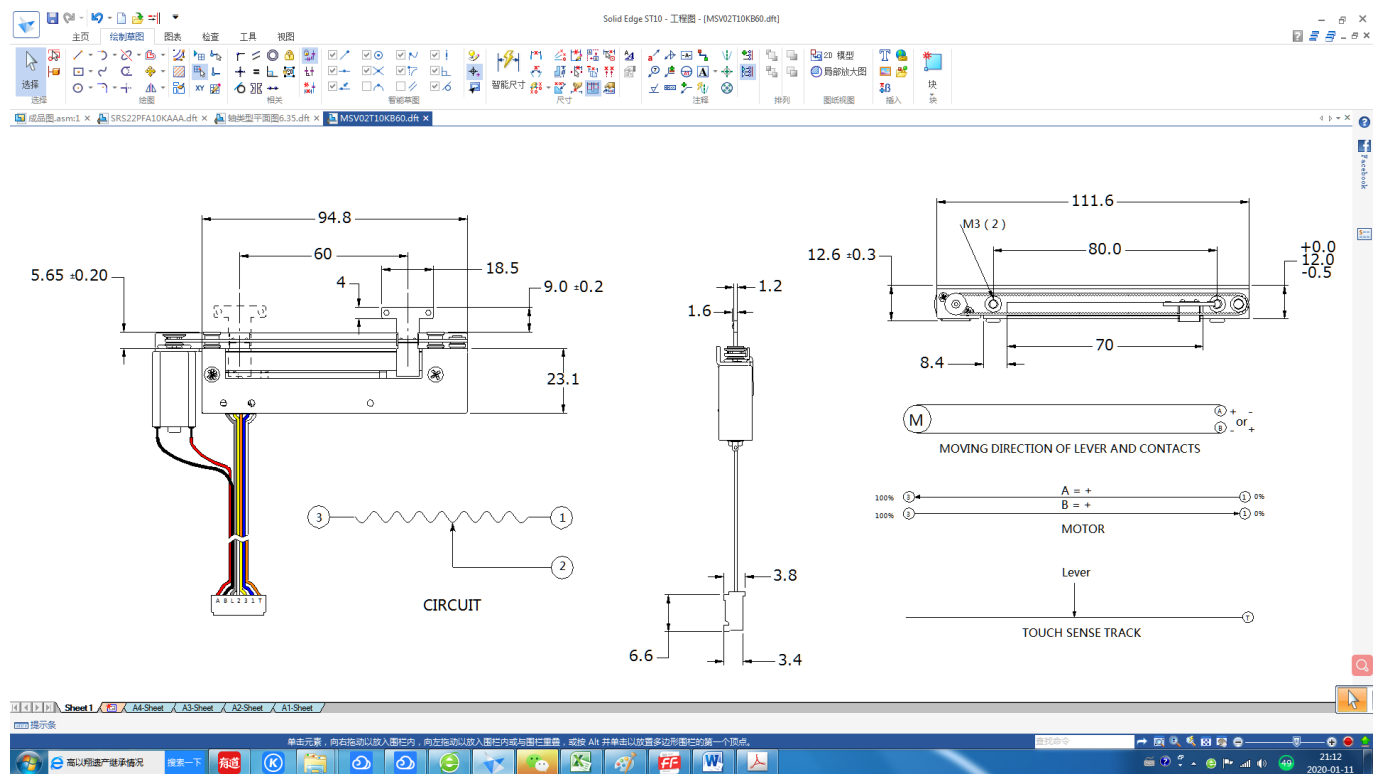
Connections

The T-type reference shows motor terminals, a resistive track and a touch-sense connection. Confirm the exact connector, pin assignment and motor supply before connection.

Reference information only. Contact hogan@cookagroup.com or WhatsApp +86 17708270160 for the controlled drawing and configuration review.

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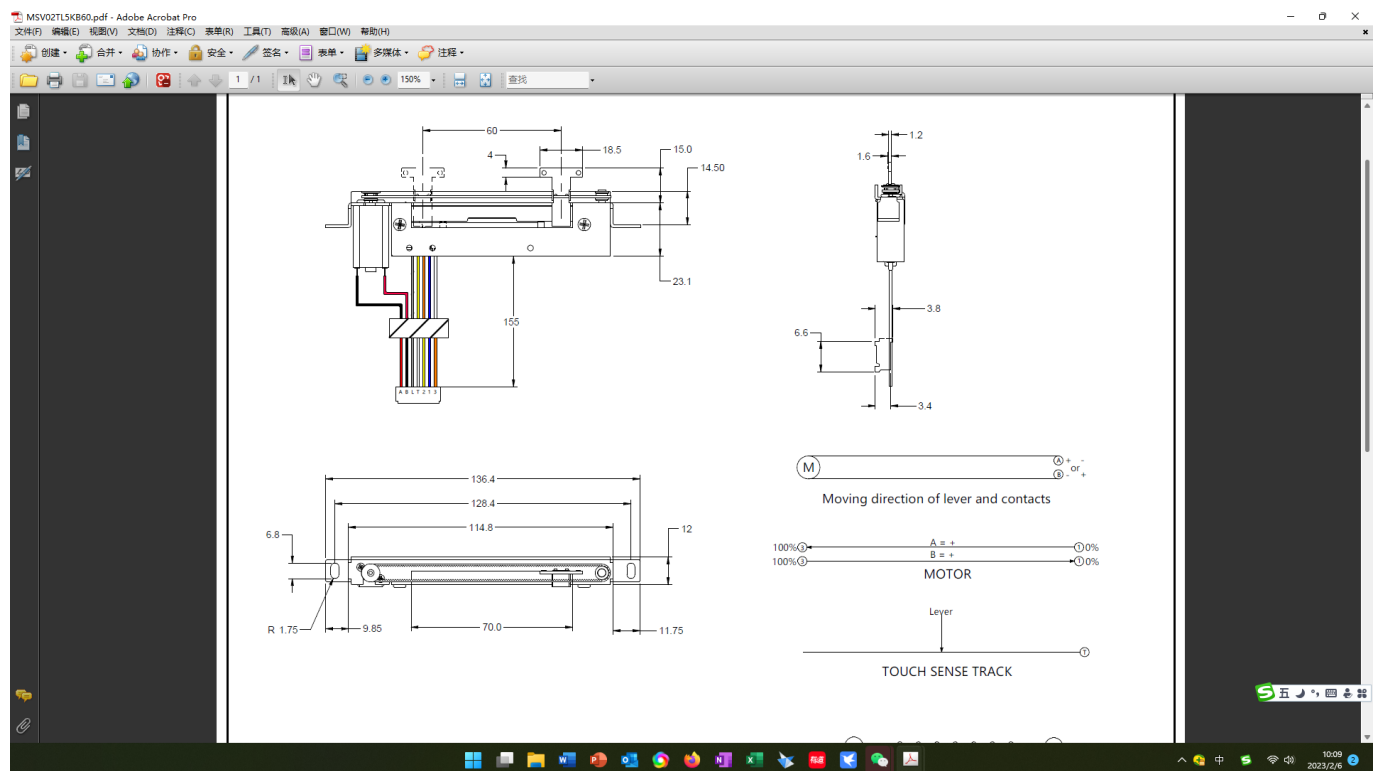
T type, 60 mm reference and circuit | dimensions in mm



Source drawing reproduced for reference. Verify terminal view, type and drawing revision for the ordered part.

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TL type reference | dimensions in mm



Source drawing reproduced for reference. Verify terminal view, type and drawing revision for the ordered part.