

Linear Position Sensors

Type: **EVAW7**



■ Features

- A wide variety of operation strokes
- Long life and high resolution

■ Recommended Applications

- Car headlight angle detection sensor

■ Explanation Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	V	A							B		
Product Code			Specifications			Lever Trims & Dimensions			Taper & Resistance		

■ Specifications

		EVAW7	
Mechanical	Stroke	9.0 mm±0.5 mm	8.0 mm±0.5 mm
	Operating Force	2 N max.	1 N max.
Electrical	Linearity	±2 %	±1 %
	Total Resistance	10 kΩ±30 %	4.7 kΩ±30 %
	Voltage Rating	5 V DC max.	12 V DC max.
	Taper	B	
Endurance	Operating Life	10,000 cycles min.	10,000 cycles min.
Minimum Quantity/Packing Unit		300 pcs. (Tray Pack)	200 pcs. (Tray Pack)
Quantity/Carton		3,000 pcs.	2,000 pcs.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

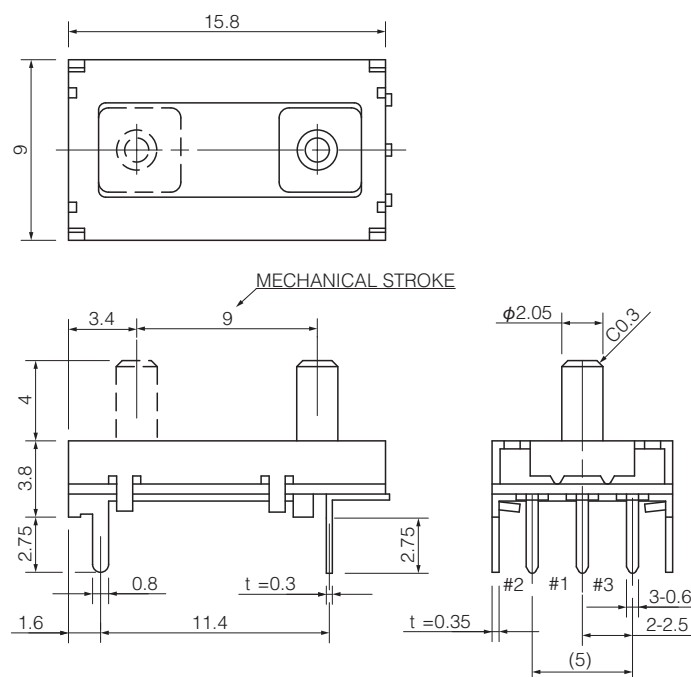
■ Dimensions in mm (not to scale)

No. 1

General dimension tolerance : ± 0.5
() dimensions are reference dimensions.

EVAW7

9.0 mm Stroke Type

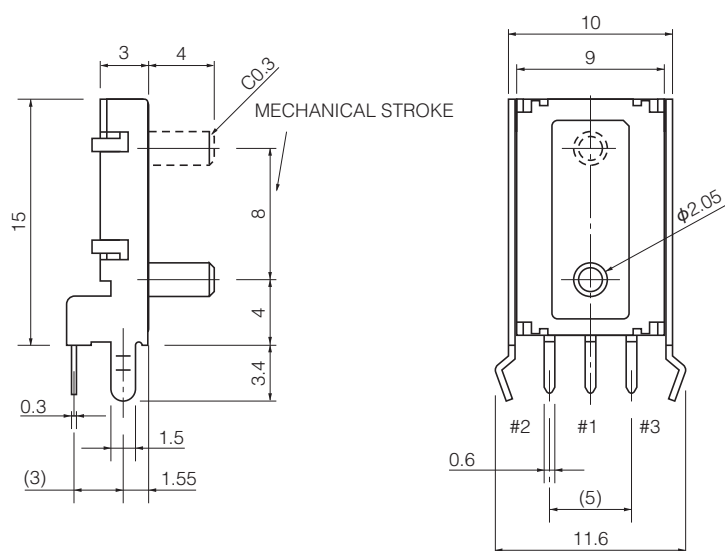


No. 2

General dimension tolerance : ± 0.5
() dimensions are reference dimensions.

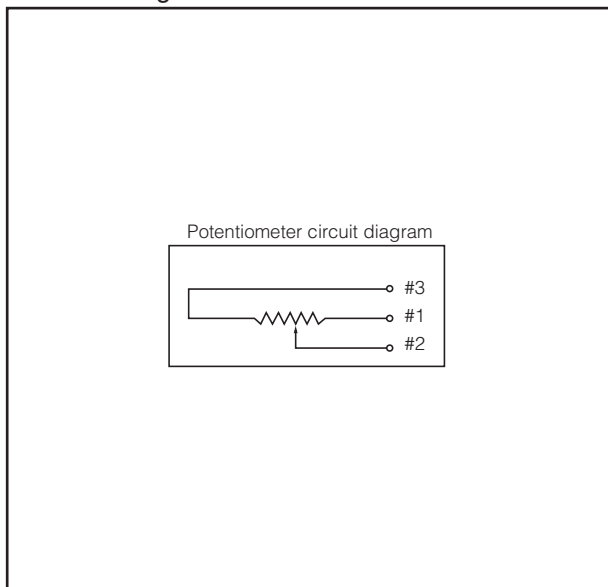
EVAW7

8.0 mm Stroke Type

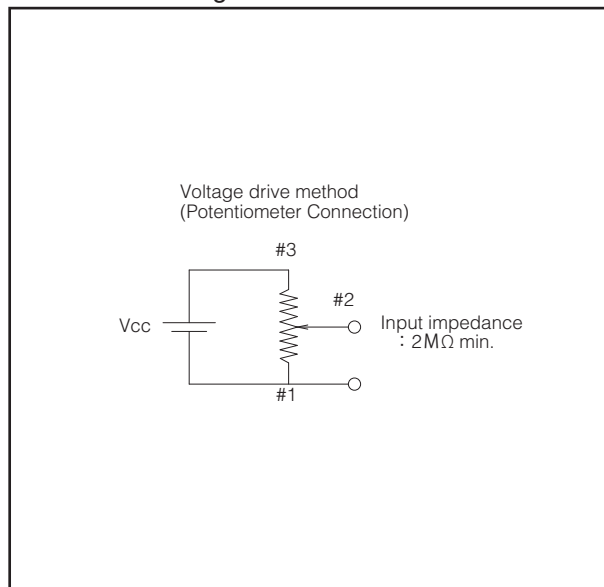


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■ Circuit diagram



■ Test circuit diagram



■ PWB mounting hole for reference

