

# ET105 10mm Carbon Trimming Potentiometer

**ELECSOUND®**

## Features:

- Carbon Resistive Element
- Dust Proof Enclosure
- Polyester Substrate
- Wiper Position at 50% or fully clockwise
- Supplied in magazines for automatic insertion
- Long life model for low cost control potentiometer application
- Self Extinguishable Plastic UL 94V0

## How to order:

**ET105 K - H - 103**

Model \_\_\_\_\_

Rotors(K,M,W,X) \_\_\_\_\_

Mounting Method:  
H=Horizontal \_\_\_\_\_  
V=Vertical \_\_\_\_\_

Resistance Code \_\_\_\_\_

## Standard Resistance Table:

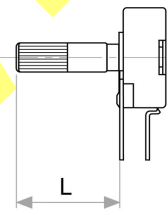
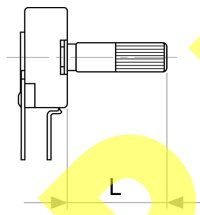
Resistance (Ohms)	Resistance Code
100	221
330	331
1,000	102
2,200	222
3,300	332
10,000	103
22,000	223
33,000	333
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205
5,000,000	505

## Electrical Characteristics

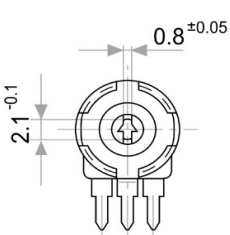
- Range of Value: 100Ω to 5MΩ
- Resistance Tolerance: 100Ω to 1MΩ ±20%
- Resistance Tolerance: 1MΩ to 5MΩ ±30%
- Max. Voltage: 250VDC(lin), 125VDC(no lin)
- Norminal Power@50°C: 0.25W(lin), 0.12W(no lin)
- Residual Resistance: ≤0.5%Rn(2Ω min)
- Equivalent Noise Resistance: ≤3%Rn(3Ω min)
- Operating Temperature: -25°C to +70°C

## Mechanical Characteristics

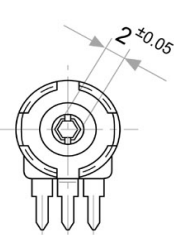
- Mechanical Rotation angle: 265° ±5°
- Electrical Rataion angle: 250° ±20°
- Torque: 0.5 to 2.5 N·cm
- Stop Torque: ≥10N·cm
- Soldering Conditions: 260°C, 5s max.
- Marking: Resistance and date code
- Standard Packing: 200pcs/bag



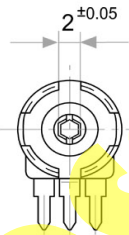
**X =** Adjustable from collector side  
**W =** Adjustable from terminal side



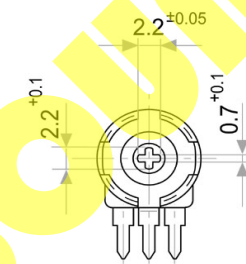
**L** = Screwdriver thru hole



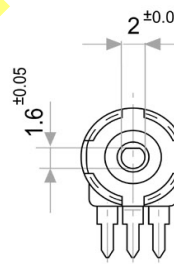
**M** = Hexagonal thru hole



**G** = Hexagonal thru hole



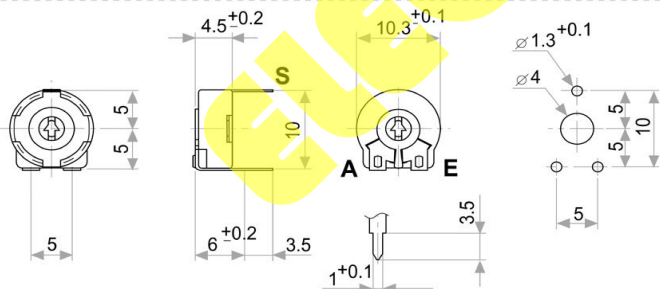
**K** = Cross slot thru hole



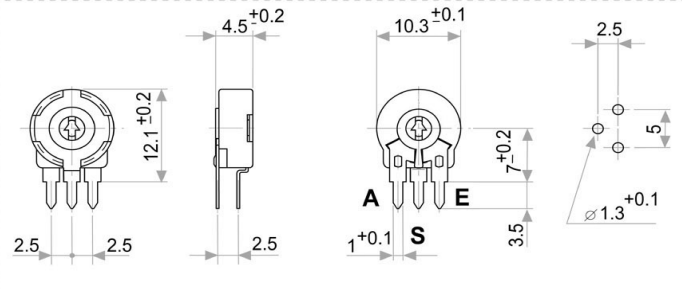
**R**

**v** = horizontal mount – vertical adjust

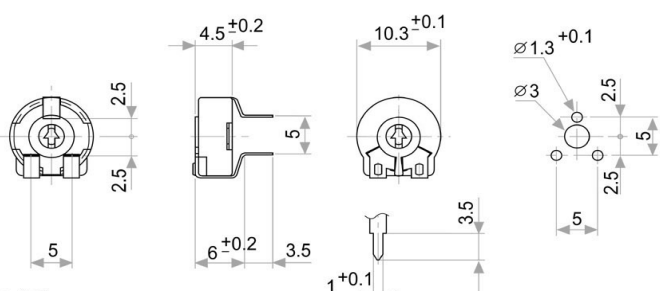
**h** = vertical mount – horizontal adjust



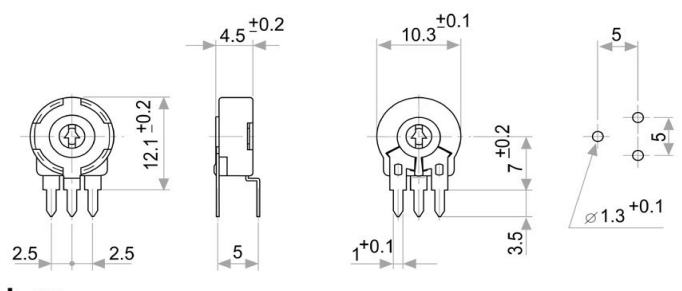
**v (10)**      **A** = Initial      **S** = Wiper      **E** = Final



**h (2.5)**      **A** = Initial      **S** = Wiper      **E** = Final



**v (5)**



**h (5)**