

Single turn Potentiometer

ET105 10mm Carbon Trimming Potentiometer

ELECSOUND®

- 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, Lead free



Electrical Characteristics

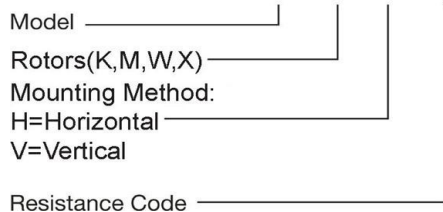
- Range of Value: 100Ω to 5MΩ
- Resistance Tolerance: 100Ω to 1MΩ -20%
- Resistance Tolerance: 1MΩ to 5MΩ -30%
- Max. Voltage: 250VDC(lin), 125VDC(no lin)
- Norminal Power@50°C: 0.25W(lin), 0.12W(no lin)
- Residual Resistance: $\leq 0.5\%R_n(2\Omega \text{ min})$
- Equivalent Noise Resistance: $\leq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

Physical Characteristics

- Mechanical Rotation angle: $265^\circ \pm 5^\circ$
- Electrical Rataion angle: $250^\circ \pm 20^\circ$
- Torque: 0.5 to 2.5 N·cm
- Stop Torque: $\geq 10N \cdot \text{cm}$
- Soldering Conditions: 260°C, 5s max.
- Marking: Resistance and date code
- Standard Packing: 200pcs/bag

How To Order:

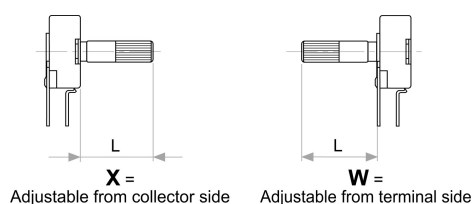
ET105 K - H - 103



Standard Resistance Table:

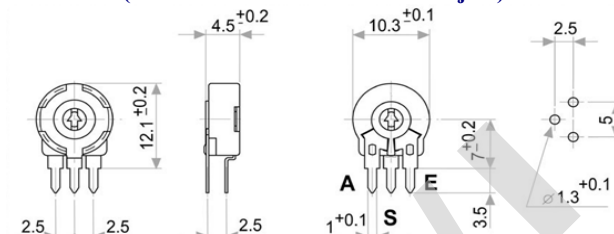
Resistance (Ohms)	Resistance Code
100	101
330	331
1000	102
10000	103
22000	223
33000	333
50000	503
100000	104
200000	204
500000	504
1000000	105
2000000	205
5000000	505

Special Resistance Available

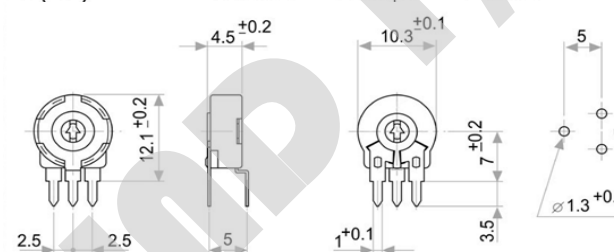


ET105 Common Dimension & Adjust Method

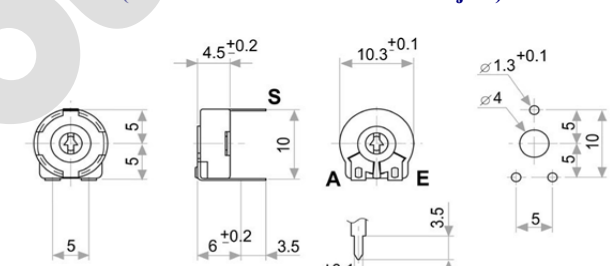
ET105 - H (Vertical Mount / Horizontal Adjust)



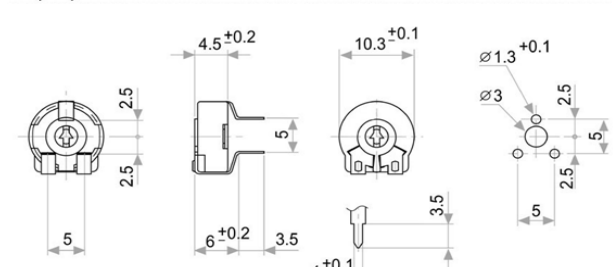
h (2.5) A = Initial S = Wiper E = Final



ET105 - V (Horizontal Mount / Vertical Adjust)



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



ET105 - Rotor

