

Single turn Potentiometer

ET103 6mm Carbon Trimming Potentiometer

EIECSOUND®

Carbon Resistive Element

Dust Proof Enclosure

Polyester Substrate

Wiper Position at 50% or fully clockwise

Supplied in magazines for automatic insertion

Long life model PT-6...E (10000 cycles)

Without crimping module PT-6...SC

Housing available in self extinguishable plastic

(UL94V0)



Electrical Characteristics

Range of Value: 220Ω to 5MΩ

Resistance Tolerance: 220Ω to 1MΩ -20%

Resistance Tolerance: 1MΩ to 5MΩ -30%

Max. Voltage: 100VDC(lin), 50VDC(no lin)

Norminal Power@50°C: 0.1W(lin),0.05W(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: 235° ±5°

Electrical Rataion angle: 200° ±20°

Torqute: 0.2 to 2 N·cm

Stop Torque: ≥4N·cm

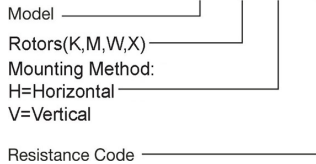
Mechanical Endurance:

500cycles Std.

10000cycles Long life

How To Order

ET103 K - H - 103

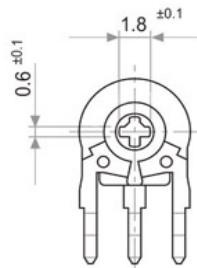


Standard Resistance Table:

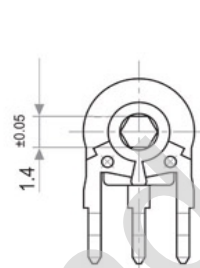
Resistance (Ohms)	Resistance Code
220	221
330	331
1,000	102
2,200	222
3,300	332
10,000	103
22,000	223
33,000	333
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205
5,000,000	505

ET103 Common Dimension & Adjust Method

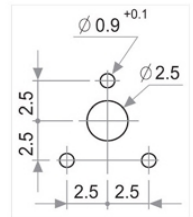
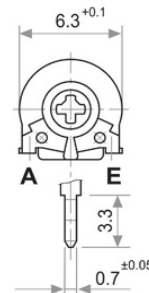
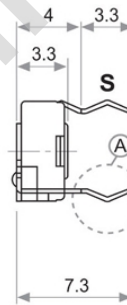
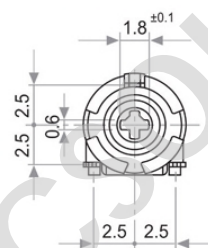
Rotor: K



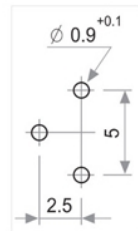
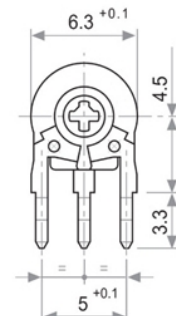
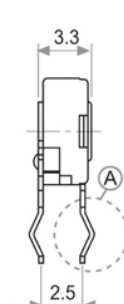
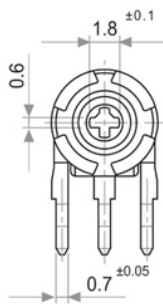
Rotor: M



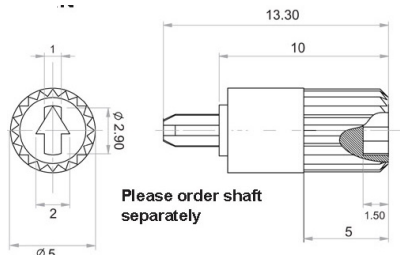
Vertical Adjust



Horizontal Adjust



Shaft



Please order shaft separately