

Features

- Carbon element
- Metal housing
- RoHS compliant

WH10X Series-Slide Potentiometer

Electrical Characteristics

Standard Resistance Range
..... 1 K Ω to 500 K Ω

Standard Resistance Tolerance..... $\pm 20\%$

Residual Resistance.....300 Ω max.

Insulation Resistance
..... Min. 50 M Ω at 100 V DC

Environmental Characteristics

Operating Temperature
.....-10 $^{\circ}\text{C}$ to +75 $^{\circ}\text{C}$

Power Rating.....0.05 W

Maximum Operating Voltage
.....50 V AC

Withstand Voltage
..... 1 Min. at 100 V AC

Sliding Noise..... 68 mV maximum

Mechanical Characteristics

Operating Force 10 to 80 gf

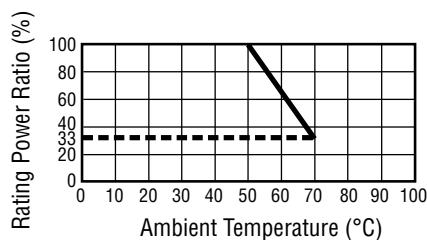
Sliding Life..... 10,000 cycles

Soldering Condition

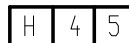
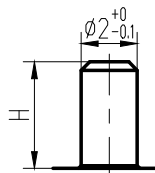
Manual Soldering
.....300 $^{\circ}\text{C}$ max. within 3 seconds

Wave Soldering
.....260 $^{\circ}\text{C}$ max. within 5 seconds

Derating Curve



Lever Dimensions



DIMENSIONS:MM

How To Order

WH108 B 100K H = 4

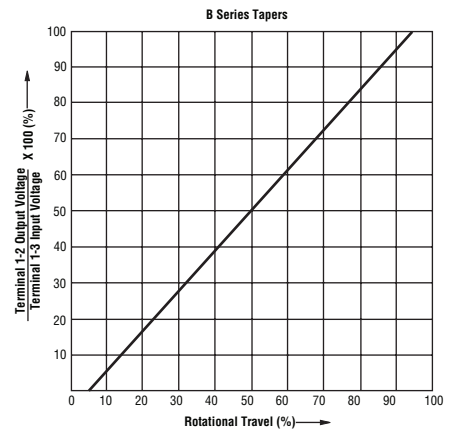
Model
• 108
• 109

Resistance Taper
• B = Linear

Resistance Code
(See Table)

Lever Dimension
• 4 = 4 mm
• 5 = 5 mm

Tapers



Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	1 K
2,000	2 K
5,000	5 K
10,000	10 K
20,000	20 K
50,000	50 K
100,000	100 K
200,000	200 K
500,000	500 K

General Tolerance

Dimension:

$X < 10 \pm 0.3\text{mm}$

$10 \leq X < 30 \pm 0.5\text{mm}$

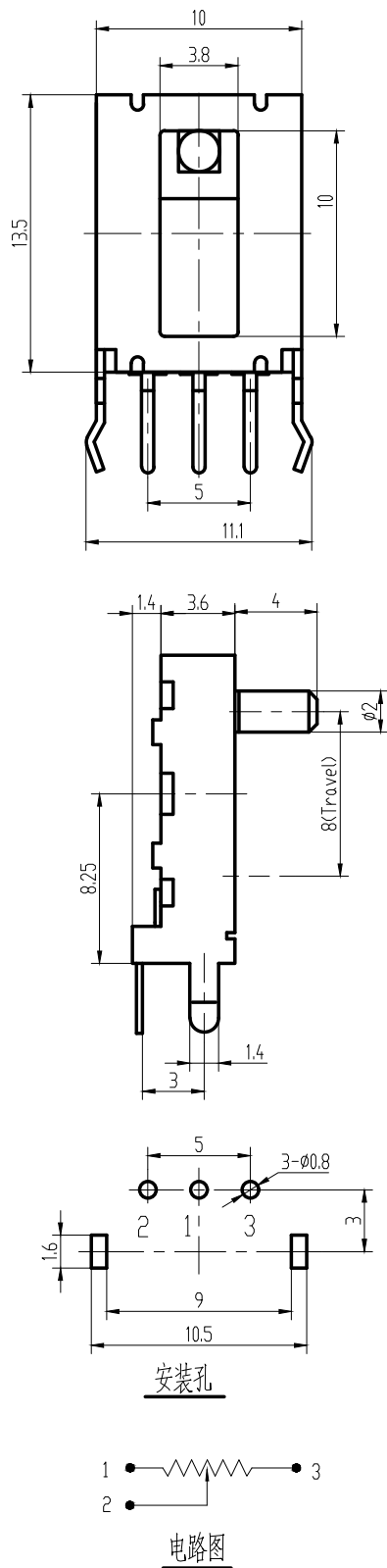
$30 \leq X \leq 100 \pm 1\text{mm}$

Angle: $\pm 5^{\circ}$

WH10X Series-SlidePotentiometer

Product Dimensions

WH108



WH109

