

Features

- Carbon element
- Metal housing
- 20mm travel
- RoHS compliant

WH2011P Series - Slide Potentiometer

Electrical Characteristics

Standard Resistance Range

..... 1 K Ω to 500 K Ω

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

Residual Resistance.....20 Ω max.

Insulation Resistance

.....Min. 100 M Ω at 250 V DC

Environmental Characteristics

Operating Temperature

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

Power Rating.....0.1 W

Maximum Operating Voltage

.....200 V

Withstand Voltage

.....1 Min. at 250 V AC

Sliding Noise.....68 mV maximum

Mechanical Characteristics

Operating Force50 to 200 gf

Sliding Life.....10,000 cycles

Hand Soldering Condition

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

Travel20 mm

Materials

Lever.....ABS (UL94-HB)

Base.....PC (UL94-HB)

Reed.....Zinc White Copper

Housing.....Cold rolled strip
(Tin-Plated)

Carbon plate.....Paper substrate plate

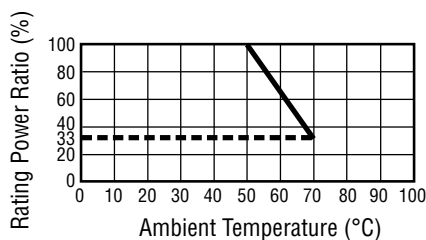
Terminal.....Cold rolled strip
(Tin-Plated)

Center terminal.....Brass (Silver-Plated)

Contact Spring.....Tin Bronze

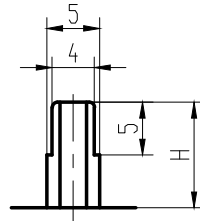
Plastic Washer.....PTFE (UL94-HB)

Derating Curve



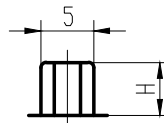
Lever Dimensions

(Plastic Lever)



H 10

(Plastic Lever)



H 2.7 5

DIMENSIONS:MM

How To Order

WH2011P B 100K H = 5

Model

Resistance Taper

• B = Linear

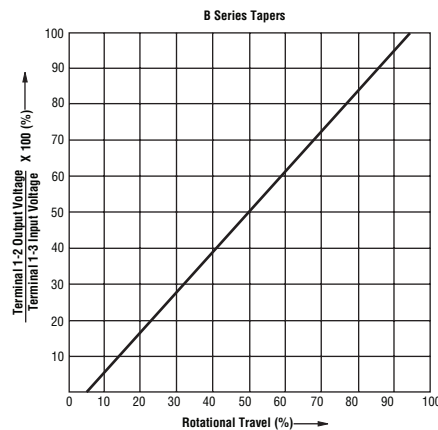
Resistance Code

(See Table)

Lever Dimension

- 2.7 = 2.7mm plastic lever
- 5 = 5 mm plastic lever
- 10 = 10 mm plastic lever

Tapers

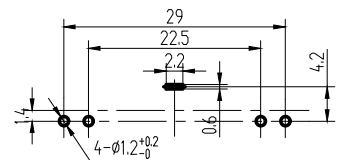
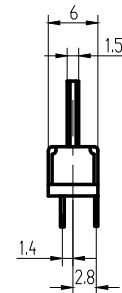
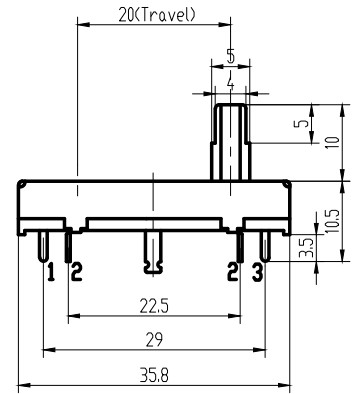


Typical Weight

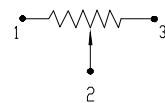
1 pc of net weight: 2.6 $\pm$ 0.1g

Note : The net weight of product varies from different lever dimensions.

Product Dimensions



安装孔尺寸



电路图

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: $\pm 5^{\circ}$

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