



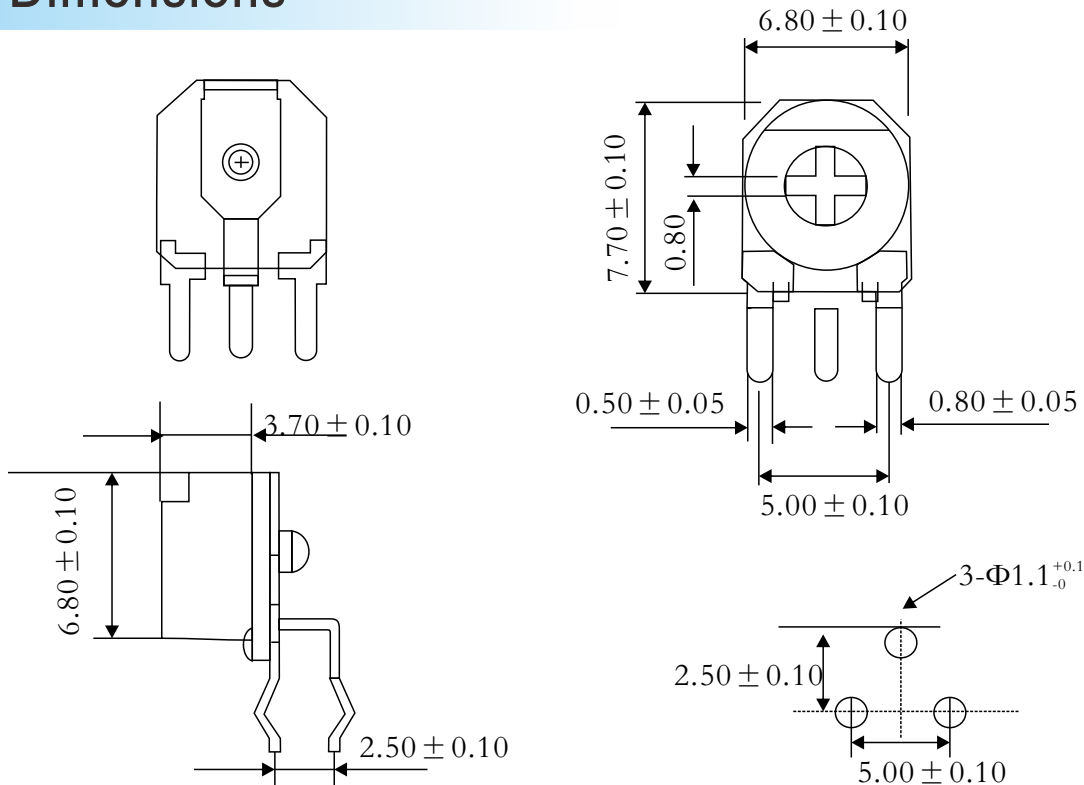
## ● Features

- I. RM065G-H3 is vertical type ceramic adjustable resistor, the pin point of the vertical adjustable resistor is two pins on the former and the third behind or one pin on the former and the other two pins behind; and the adjustment knob can be made into different colors, such as blue white and green.
- II. The parts material of the RM065G-H3 ceramic vertical type adjustable resistor:
  - ①. Adjustment cap: nylon 66
  - ②. Reed: Nickel Silver Copper with yellow color
  - ③. Lead pin: iron or tin plated with white color
  - ④. Ceramic resistor core: ceramic with white color

## ● Applications

RM065C-H3 is widely used in the household appliance, instruments, communication products and electric security area.

## ● Dimensions



## ● Applications And Ratings

| Type      | Rated Power(W) | MaxWorking Voltage(V) | Resistance Range( $\Omega$ ) | TCR (PPM/ $^{\circ}$ C)     | Tolerance Range | Operating Temperature             |
|-----------|----------------|-----------------------|------------------------------|-----------------------------|-----------------|-----------------------------------|
| RM065G-H3 | 0.25           | AC30V                 | 100~500K                     | $\pm 250$ PPm/ $^{\circ}$ C | $\pm 20\%$      | $-40^{\circ}$ C - $125^{\circ}$ C |

## ● Reference Standards

JIS C 5201-1

## Ordering Information

Example

|             |              |                      |            |         |
|-------------|--------------|----------------------|------------|---------|
| RM065G-H3   | 0.25         | N                    | 100KO      | A       |
| (1)         | (2)          | (3)                  | (4)        | (5)     |
| Series Name | Power Rating | Resistance Tolerance | Resistance | packing |

(1)Type: RM065G-H3 SERIES

(2)Power Rating: 0.25=0.25W

(3)Tolerance: M ± 20%,N ± 30%

(4)Resistance Value:0R100=0.1Ω,0R220=0.22Ω,10R00=10KΩ,1M000=1MΩ

(5)packing:Blk Bulk

## Performance

| Type                       |   | RM065G-H3  |
|----------------------------|---|--|
| Electrical characteristics | Resistance Range(Ω)                                 | 100~500K   |
|                            | Tolerance   | ± 20%  |
|                            | Characteristics of the resistance change            | B  |
|                            | MaxWorking Voltage(V)                               | AC30V  |
|                            | Rated Power   | 0.25W  |
|                            | Residual resistance                                 | 100Mv  |
|                            | Rotational life                                     | R ≤ 1kΩ, R01, R03 ≤ 10Ω<br>R ≥ 1kΩ, R01, R03 < 1%R |
| Mechanical features        | Rotational angel                                    | 240° ± 10°   |
|                            | Starting torque                                     | 3~30mN•m   |
|                            | Shaft stopper strength                              | 50 mN•m  |
| Reliability specification  | 1.Mechanical life 30 Coil resistance changes ± 10%  |  |
|                            | 2. Operating Temperature -40°C ~125°C               |  |
|                            | 3.Temperature Characteristics ± 3%,70°C For 5 hours |  |
|                            | 4.TCR ± 250ppm                                      |  |
|                            | 5.Resistance to soldering heat 350°C、3s, 260°C、10s  |  |