

## Resistors

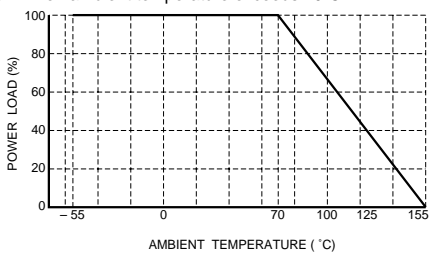
## Chip trimmer potentiometers

## MVR21

## ●Features

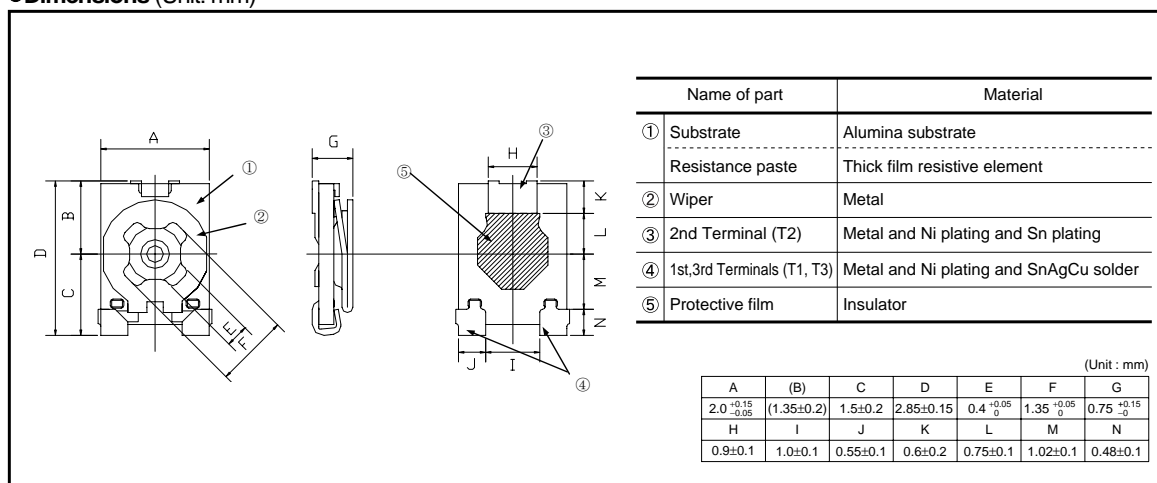
- 1) Extremely small size and light weight facilitate the assembly of light, thinner, and smaller equipment.
- 2) Close match between wiper and resistive element reduces wiper noise.
- 3) Ruthenium oxide resistor material, with superb stability and resistance to humidity and the elements, offers the same outstanding reliability of our existing product (MVR22).
- 4) Open design for reflow soldering.
- 5) Cross groove for easy adjustment.
- 6) Protective film prevents short circuits due to terminal contact.
- 7) ROHM resistors have approved ISO-9001 / ISO/TS 16949 certification. Design and specifications are subject to change without notice. Carefully check the specification sheet supplied with the product before using or ordering it.

## ●Ratings

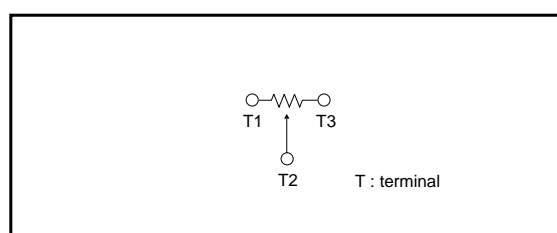
Item	Conditions	Specifications	
Rated power	<p>Power must be derated according to the power derating curve in Figure 1 when ambient temperature exceeds 70°C.</p>  <p>Fig.1</p>	0.15W (3 / 20W) / element at 70°C	
Rated voltage	<p>The voltage rating is calculated by the following equation. If the value obtained exceeds the maximum operating voltage, the voltage rating is equal to the maximum operating voltage.</p> $E = \sqrt{P \times R}$ <p>E : Rated voltage (V) P : Rated power (W) R : Nominal resistance (Ω)</p>	Max. operating voltage	50V
Nominal total resistance range		100 to 2.2MΩ (recommended resistance value : E3 series) (applicable resistance value : E6 series)	
Total resistance tolerance		±25%	
Resistance variation		B (linear) characteristics	
Operating temperature		-55°C to +155°C	

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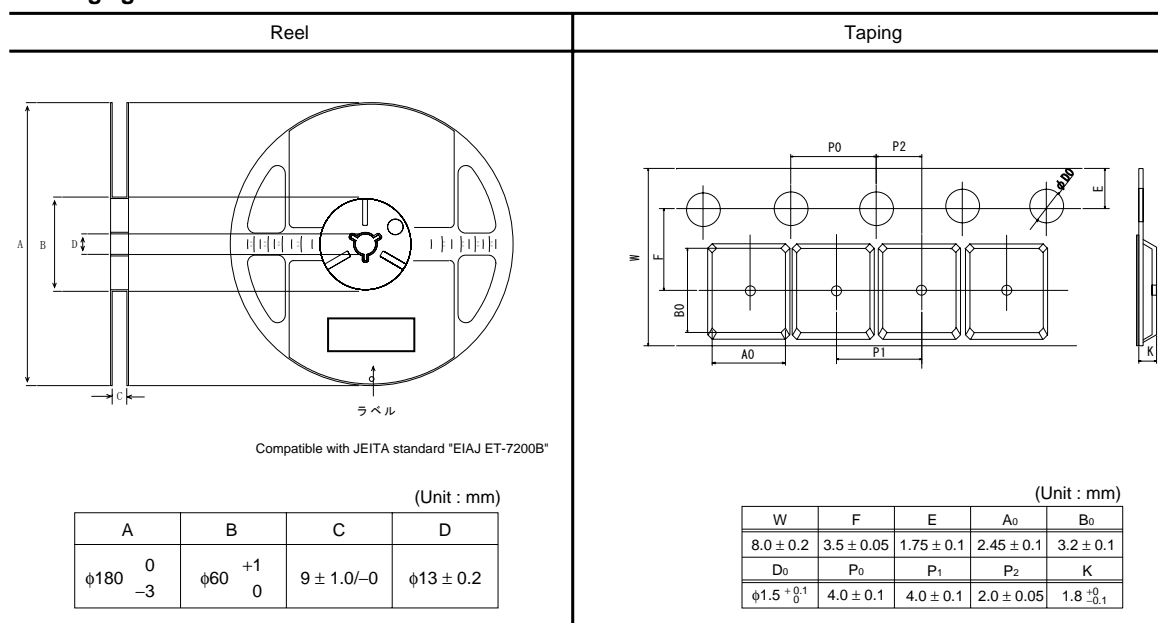
## ●Dimensions (Unit: mm)



## ●Equivalent circuit

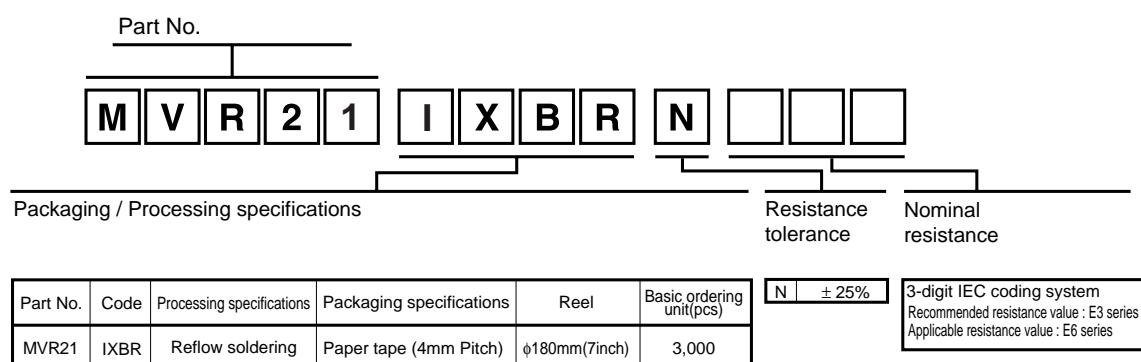


## ●Packaging



## Resistors

## ●Part No. Explanation



### Notes

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