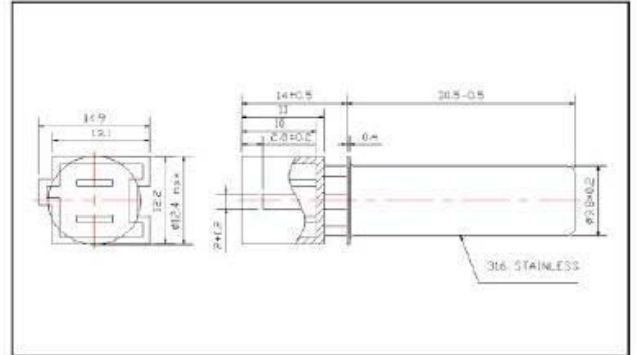




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# NTC Thermistor

## TR Series



Unit:mm

### FEATURES:

- Appropriate to use in hard weather
- Compact stainless steel case
- High utility products
- Reasonable price

The TR series, the highly reliable thermistors, are characterized by their stability. They have wide usage in household appliances, such as washing machines, dish washers, tumble-dryers, water boilers, and so on.

## SPECIFICATIONS

Temperature ranges -40°C to 125°C

### R<sub>25</sub> :

Rated Zero-power resistance value at 25 °C  
 10,000 ohms  
 11,982 ohms  
 48,150 ohms  
 100,000 ohms

Tolerances ±1%, ±3%, ±5%

**B<sub>25/85</sub> value** 10,000 ohms-----3435K  
 48,150 ohms-----3977K  
 100,000 ohms-----4150K

**B<sub>25/100</sub> value** 11,982 ohms-----3760K

Tolerances ±1%

**Dissipation constant** 215 mW/ °C in water

**Thermal time constant** 18 seconds in water

**Maximum power rating** 250~500 mW (at 25 °C)

### Ordering Map

1 0 3

TR □

□ □ □ □ - □ □ - □ □

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⑤

Resistance value at 25°C

10 x 10<sup>3</sup> Ω

Type

Transducer Type thermistor

B value

25°C/85°C

Resistance tolerance

1P: ±1%  
 3P: ±3%  
 5P: ±5%

Special Spec

Controlling NO.