Printer / Copy Machine

10 NC Sensor

Non Contact

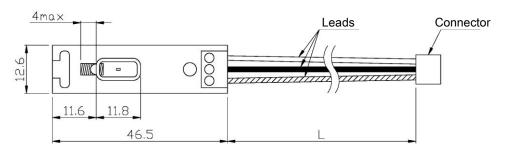
Zero Power Resistance: $R_{180} = 7k\Omega \pm 5\%$: $B_{25/85} = 3370 \text{ K} \pm 1\%$ B value

Temperature range ×1: -10°C - 150°C Measurement temp. range : -10°C - 260°C Features: A non contact Sensor based on infrared detection that has very strong heat and dirt resistance.

◆Thermal Time Constant: approx. 1.3 sec. ◆Dielectric Strength Voltage: AC 500V 1 sec.

◆Insulation Resistance: DC500V 100MΩ+





X1: Without connector

2 Thermopile Module

Source Voltage : 3.2V - 6V Output Voltage : 0.2V - 2.8V

Temperature range : -25℃ - 100℃ Measurement temp. range: -20°C - 250°C

◆Thermal Time Constant: approx. 46ms



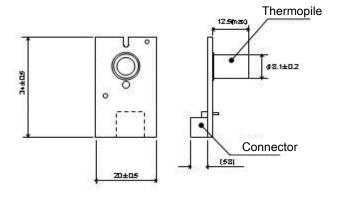
Non Contact

Features: A non contact Sensor based on infrared detection that measures temperature easily and accurately.

Unit: mm

Unit: mm

Unit: mm



3HF-N Sensor

B value

Non Contact

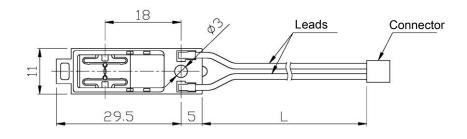
Zero Power Resistance : $R_{180} = 7k\Omega \pm 5\%$

: $B_{25/85} = 3370 \text{ K} \pm 3\%$

Temperature range : -20°C - 230°C (Sensing part)

Features: A Sensor that allows non contact measurement with

conventional thermistor systems.





OA Equipment

4)FS Sensor

Features: A low friction type sensor that reduces damage to the fuser roller to a minimum.

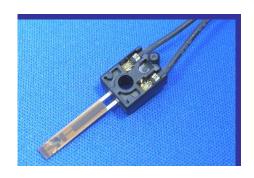
Zero Power Resistance: $R_{180} = 7k\Omega \pm 5\%$ B value : $B_{25/85} = 3370 \text{ K} \pm 3\%$

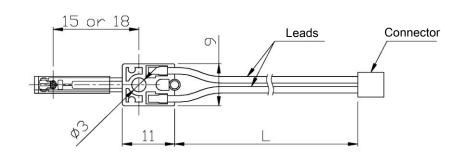
Temperature range : -20°C - 230°C (Sensing part)

◆Thermal Time Constant: approx. 1.0 sec. (roller) ◆Dielectric Strength Voltage: AC 600V 1 sec.

◆Insulation Resistance: DC 500V 100MΩ+

Unit: mm





⑤HF-H Sensor

Features: A high speed type temperature sensor that can quickly respond to temperature changes of the fuser roller.

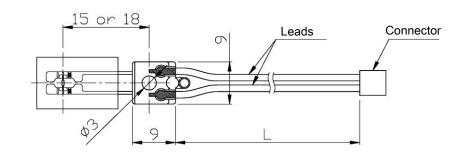
Zero Power Resistance: $R_{180} = 7k\Omega \pm 5\%$ B value : $B_{25/85} = 3370 \text{ K} \pm 3\%$ Temperature range : -20 - 230 C (Sensing part)

◆Thermal Time Constant: approx. 0.7 sec. (roller) ◆Dielectric Strength Voltage: AC600V 1 sec.

◆Insulation Resistance: DC 500V 100MΩ+

Unit: mm





®HF-L Sensor

Features: A space saving type of temperature sensor with lead wires parallel to the fuser roller.

Zero Power Resistance: $R_{180} = 7k\Omega \pm 5\%$ B value : $B_{25/85} = 3370 \, \text{K} \pm 3\%$ Temperature range : -20 - 230°C (Sensing part)

◆Thermal Time Constant: approx. 1.0 sec. (roller) ◆Dielectric Strength Voltage: AC600V 1 sec.

◆Insulation Resistance: DC 500V 100MΩ+

Unit: mm

