

## FEATURES

- ♦ Low cost
- ♦ Fast response, excellent thermal tracking
- ♦ High accuracy thermistor

## Applications

- ♦ Monitor heat sinks
- ♦ Temperature recording of power transistors
- ♦ Any flat surface requiring thermal overload protection

# RT24 SURFACE TEMPERATURE SENSOR

## SPECIFICATIONS

- ♦ Highly accurate NTC thermistor
- ♦ Operating temperature range -40°C to 150°C
- ♦ 2,000 Volt AC isolation between sensor and terminal
- ♦ Available with 3K, 5K, and 10K nominal resistance
- ♦ Available with #6, #8, or #10 stud hole size
- ♦ #24 AWG solid silver plated copper leads
- ♦ PVFD insulation, black (optional: red, blue)

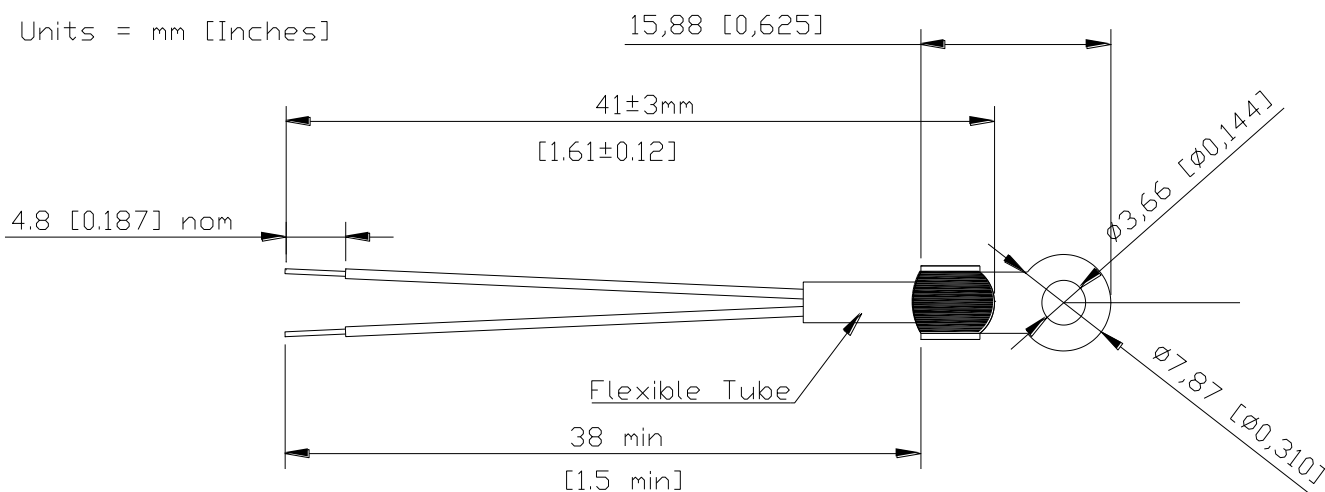
Model RT24 is a cost-effective surface temperature sensor that provides fast response time over a wide range of temperatures

## RT24 SURFACE TEMPERATURE SENSOR

### PERFORMANCE SPECS

Parameters	Units	Value	Tolerance
Resistance	Ohms	3K, 5k, or 10K at 25C	2%
Beta 25/85	Kelvin	3976	2%
Operating Temperature	Celsius	-40 to +150	N/A

### MECHANICAL DETAILS



### ORDERING INFORMATION

Part Number	Description	Resistance (Ω) @ 25 °C	Hole Size	Lead Wire Color
A1004RT24K1-F	NTC THERMISTOR ASSEMBLY	10,000 ± 2%	#6 stud (Ø0.144")	Black

Note: Contact the factory for specific design or application information or the availability of options

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