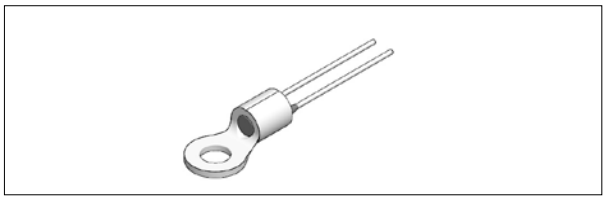
热敏传感器 THERMISTOR SENSORS

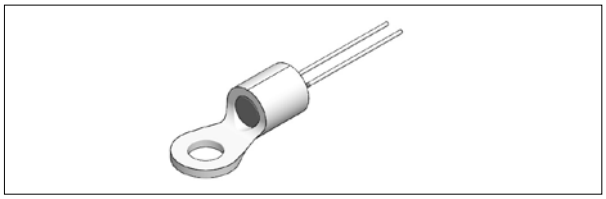
用于表面温度检测

STS-40



●电阻值·····R25＝10kΩ±1%
●B 值（3H）·····B25/50＝3450K±1%
B25/85＝3486K
●使用温度范围·····−30℃～＋110℃
●热响应时间常数(铝块上)·····18sec.

STS-50



●电阻值·····R25＝10kΩ±3%
●B 值（3HG)·····B25/50＝3465K±3%
B25/85＝3502K
●使用温度范围·····−40℃～＋150℃
●热响应时间常数(铝块上)·····22sec.

■特点

●安装时可采用螺栓固定
●采用金属吸热面，温度响应快

※STS 系列的热时间常数是按照以下方法测定，所以测定值受氧化铝的热容量的影响。

※ 首先用螺钉凝固氧化铝 (120L×120W×20Tmm)，然后将除温度传感器的部分浸入 25 度的水中。之后再将氧化铝移之 50 度的水中。

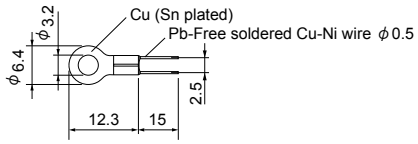
※ 关于 R-T 数据，请参阅本公司网站。

※ 有关热敏温度传感器的使用环境条件，请与本公司协商。

For Measuring surface Temp

STS-40

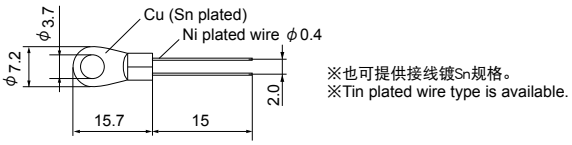
形状 · 尺寸　Dimensions(mm)



●Resistance·····R25＝10kΩ±1%
●B value (3H) ·····B25/50＝3450K±1%
B25/85＝3486K
●Operating temperature range·····−30℃～+110℃
●Thermal time constant (on Aℓ block)····18sec.

STS-50

形状 · 尺寸　Dimensions(mm)



●Resistance·····R25＝10kΩ±3%
●B value (3HG)·····B25/50＝3465K±3%
B25/85＝3502K
●Operating temperature range·····−40℃～+150℃
●Thermal time constant (on Aℓ block)····22sec.

■Features

●Can be fastened with a screw.
●Metal contact surface yields fast temperature response.

※Thermal time constant of STS series is measured by following method.The data contains the influence of the heat capacity of the aluminum block.

※The sensor is screwed up on aluminum block (120L×120W×20Tmm),the block except sensor attached surface is put into 25℃ water. From this state when block is moved into 50℃ water.

※Regarding R-T data, please refer to our web site.

※Please consult us regarding the operating conditions of Thermistor sensors.