

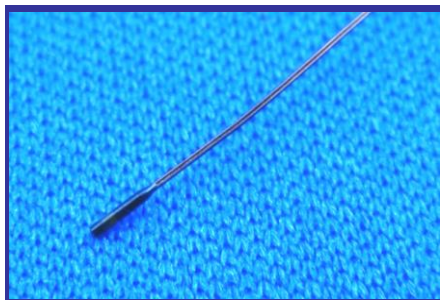
Catheter

⑬ F μ Sensor

Ultra Small

Features: Ultra small temperature sensor with high response speed.

Unit: mm

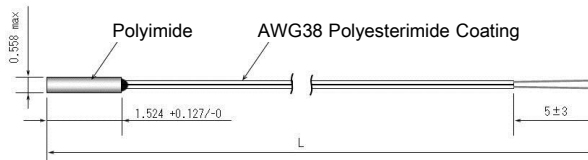


Zero Power Resistance : $R_{37} = 14.054k\Omega \pm 0.5\%$

B value : $B_{0/50} = 3454 K \pm 1\%$

Temperature range : $-10^{\circ}C - 70^{\circ}C$

◆Thermal Time Constant: approx. 0.07 sec. (in water)



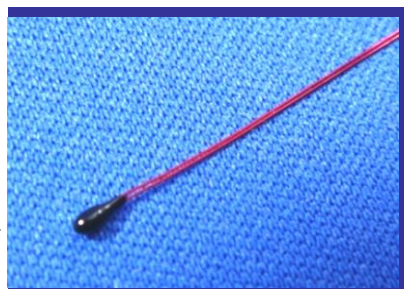
Thermometer / Ear Thermometer

⑭ 503ET-3H87U

High Accuracy

Features: Small and highly accurate sensor optimized for body temperature measurement.

Unit: mm



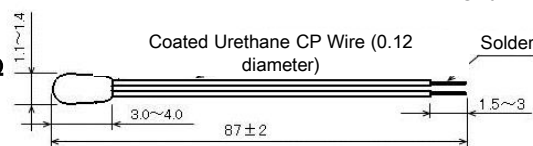
Zero Power Resistance : $R_{37} = 29.614 - 30.264k\Omega$

Group temp. tolerance : $R_{37} \pm 0.05\%$ / Group

B value : $B_{32/41} = 3943 K \pm 0.5\%$

Temperature range : $-40^{\circ}C - 100^{\circ}C$

◆Thermal Time Constant: approx. 5.0 sec.



◆R₃₇ Group (A - U)

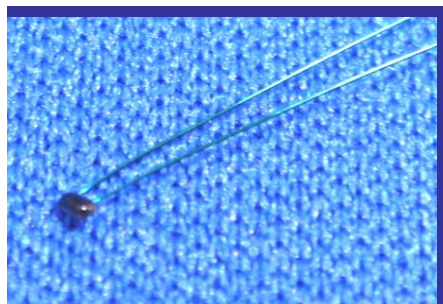
Group	R ₃₇ (k Ω) Min/Center/Max	Group	R ₃₇ (k Ω) Min/Center/Max
A	29.614/29.629/29.644	B	29.645/29.660/29.675
C	29.676/29.691/29.706	D	29.707/29.722/29.737
.	.	.	.
S	30.172/30.187/30.202	T	30.203/30.218/30.233
U	30.234/30.249/30.264		

⑮ FT-ZM

High Speed

Features: Small temperature sensor with high response speed optimized for measuring surface temperatures.

Unit: mm

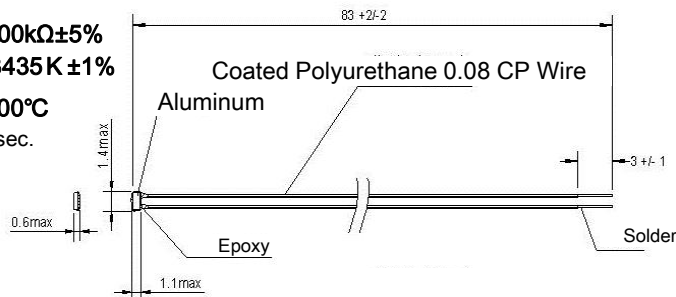


Zero Power Resistance: $R_{25} = 50.00k\Omega \pm 5\%$

B value : $B_{25/85} = 3435 K \pm 1\%$

Temperature range : $-10^{\circ}C - 100^{\circ}C$

◆Thermal Time Constant: approx. 1.5 sec.

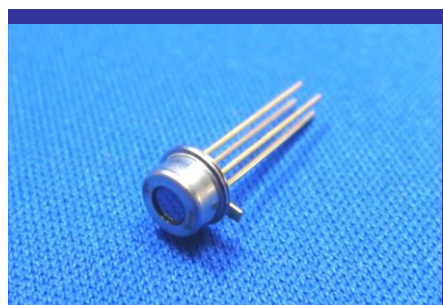


⑯ Thermopile

Non Contact

Features: Non contact temperature sensor using infrared measuring

Unit: mm



Output Voltage : $1.00 \pm 30mV$

Thermistor Resistance: $R_{25} = 100 k\Omega \pm 3\%$

Thermistor B value : $3435K \pm 0.7\%$

Temperature range : $-20^{\circ}C - 100^{\circ}C$

◆Thermal Time Constant: approx. 15ms

◆Angle : $\pm 50deg.$

◆Transparent wavelength band: Cut on 5 μm

