

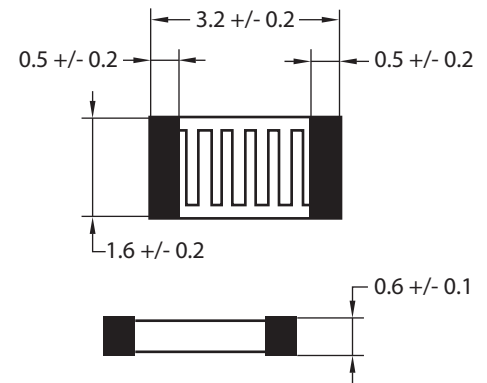
# SURFACE MOUNT RTD SENSORS

100 ohm, and 1000 ohm DIN standard RTD elements are available in surface mount design. The 1206 and 805 SMD chips have accuracies of 1/3 degree at 0°C and can be used from -50°C to +130°C. They are supplied in tape and reel packaging for large volume pick and place assembly.



## ENGINEERING INFORMATION

- 100 ohm, 500 ohm and 1,000 ohm RTD elements available
- 1/3 DIN Class B = +/-0.1°C at 0°C
- Class A = +/-0.15°C at 0°C
- Class B = +/-0.3°C at 0°C
- Class 2B = +/-0.6°C at 0°C
- Long term stability = 0.04% max after 1000 hours at 500°C
- Response time 0.05 sec. in moving water at a velocity of 0.4 meters per second at t0.5
- Response time 0.15 sec. in moving air at a velocity of 2 meters per second at t0.9



Additional options may be possible. Contact QTI for details.

QTI can customize this part for you. Contact us for available options.

2108 Century Way Boise, Idaho 83709 USA  
T: (208) 377-3373, 800-554-4784  
F: (208) 376-4754  
qtisales@thermistor.com  
www.thermistor.com

