

## QT06033 Series Sensors

The QT06033 Series probe is QTI's "general purpose" sensor for use in a wide variety of refrigeration applications. The sensor is a 10,000 ohm thermistor encased in either a nickel-plated brass (Fig 1) or raw brass (Fig 2) housing. The sensors are supplied with a 90C UL rated 2 conductor, #22 AWG CL3X zipcord and are available in green, orange, blue, red, white, and violet colors.

The sensor can be mounted within the application using either zip ties or an insulated metal clamp/clip (Figure 3), depending on mounting location. Labels containing part number, date code, and/or manufacturing lot can be added.

### Features:

- Convenient 2-conductor zipcord wire for fast, easy termination
- Variety of colors to meet installation requirements
- Standard housing materials and configurations
- Standard thermistor meets industry requirements
- RoHS Compliant

# QT06033 Specifications



FIGURE 3: SENSOR MOUNTING CLAMP AND CLIP

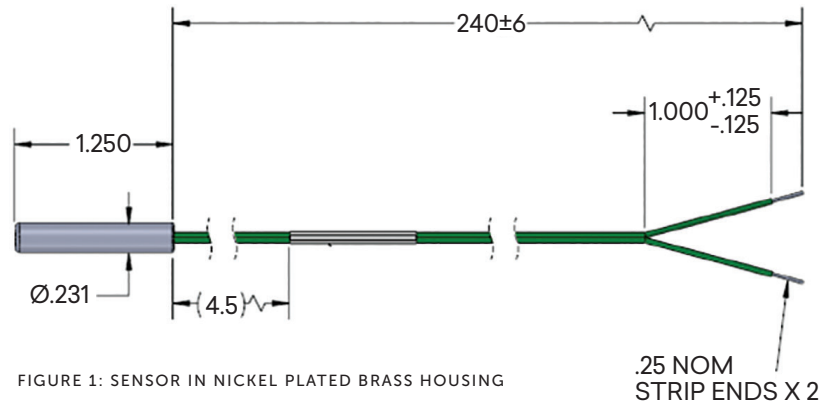


FIGURE 1: SENSOR IN NICKEL PLATED BRASS HOUSING

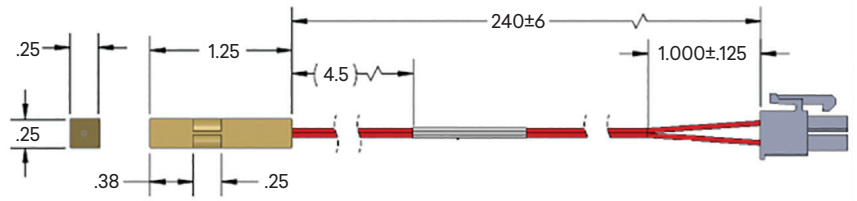


FIGURE 2: SENSOR IN MACHINED BRASS HOUSING

## Resistance/Temperature Chart

Temperature (°C)	Temperature (°F)	Resistance (Ω)
-40	-40	336,500
-30	-22	176,980
-20	-4	97,075
-10	14	55,324
0	32	32,651
10	50	19,901
20	68	12,493
30	86	8,057
40	104	5,327
50	122	3,603
60	140	2,487
70	158	1,751
80	176	1,255
90	194	916
100	212	678

## Applications Include:

- Evaporator Coil Temp Monitoring
- Defrost Termination
- Return Air Temp Sensing
- Optional Food Service Temperature Sensing with NSF Approved Construction

These sensors are compatible with most standard commercial refrigeration controllers and are a drop-in replacement for the following part numbers:

501-1121	501-1127	501-1135
501-1122	501-1128	201-5000
501-1125	501-1129	201-1160
501-1126	501-1134	



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QTI is the unparalleled leader in world-class temperature sensing technology with over for 40 years of proven expertise for the most demanding customers in the world. We custom-engineer the industry's most reliable temperature sensors for mission-critical applications. As a true business partner, we deliver beyond the products we make as we relentlessly pursue excellence in everything we do. Contact us to discuss your temperature sensing needs today.

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