

HVAC & Refrigeration

6033 Series

Engineering Information:

- Housing material options: nickel-plated brass or raw brass
- 10K ohm thermistor sensor assembly
- Typical wire size #22 AWG two conductor
- UL rated for 194°F
- 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 options available



Applications:

- Evaporator Coil Temp Monitoring
- Defrost Termination
- Return Air Temp Sensing

Series Information:

The 6033 Series probe is QTI's "general purpose" sensor for use in a wide variety of HVAC and refrigeration applications. The sensor is a 10k ohm thermistor encased in either a nickel-plated brass (Figure 1) or raw brass (Figure 2) housing. The sensors are supplied with a 90C UL rated 2 conductor, #22awg 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 (Figure 3), depending on mounting location. Labels containing part number, date code, and/or manufacturing lot can be added.

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	501-5000
501-1125	501-1129	201-1160
501-1126	501-1134	

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6033 Series Specifications

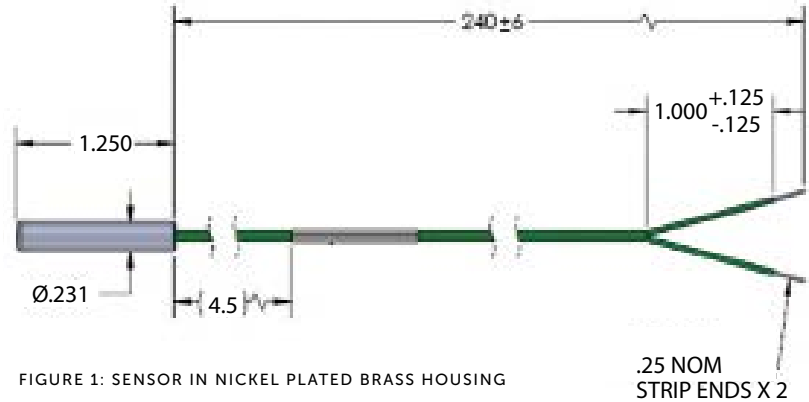


FIGURE 1: SENSOR IN NICKEL PLATED BRASS HOUSING

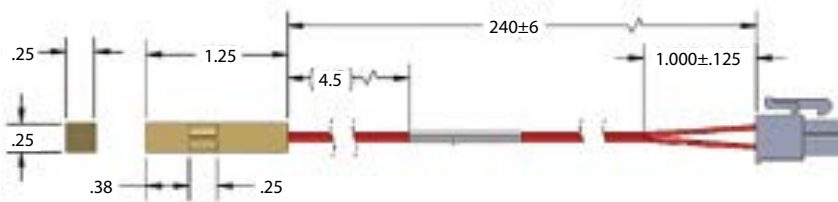


FIGURE 2: SENSOR IN MACHINED BRASS HOUSING



FIGURE 3: SENSOR MOUNTING CLAMP

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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.