THERMOMETRICS
A COMMITMENT TO EXCELLENCE

GE-1571

Fast Response Cylinder Head Temperature Sensor (CHT)

This temperature sensor monitors the temperature of an engine cylinder head or engine block. This sensors purpose is to provide a signal output that is proportional to engine temperature. This signal can be used as an input to a temperature gauge, provide input to an ECU (Engine Control Unit) or control a cooling fan circuit.

Applications

- Engine block temperature
- Engine cylinder head temperature

Features

- High accuracy and long term stability
- Fast response time
- Pigtail connector
- Existing field proven design
- Alternate RvT curves available
- Different geometries/connection systems to meet package requirements
- 200°C Max operating temperature
- Hardened SS body
- Other resistance and beta values available

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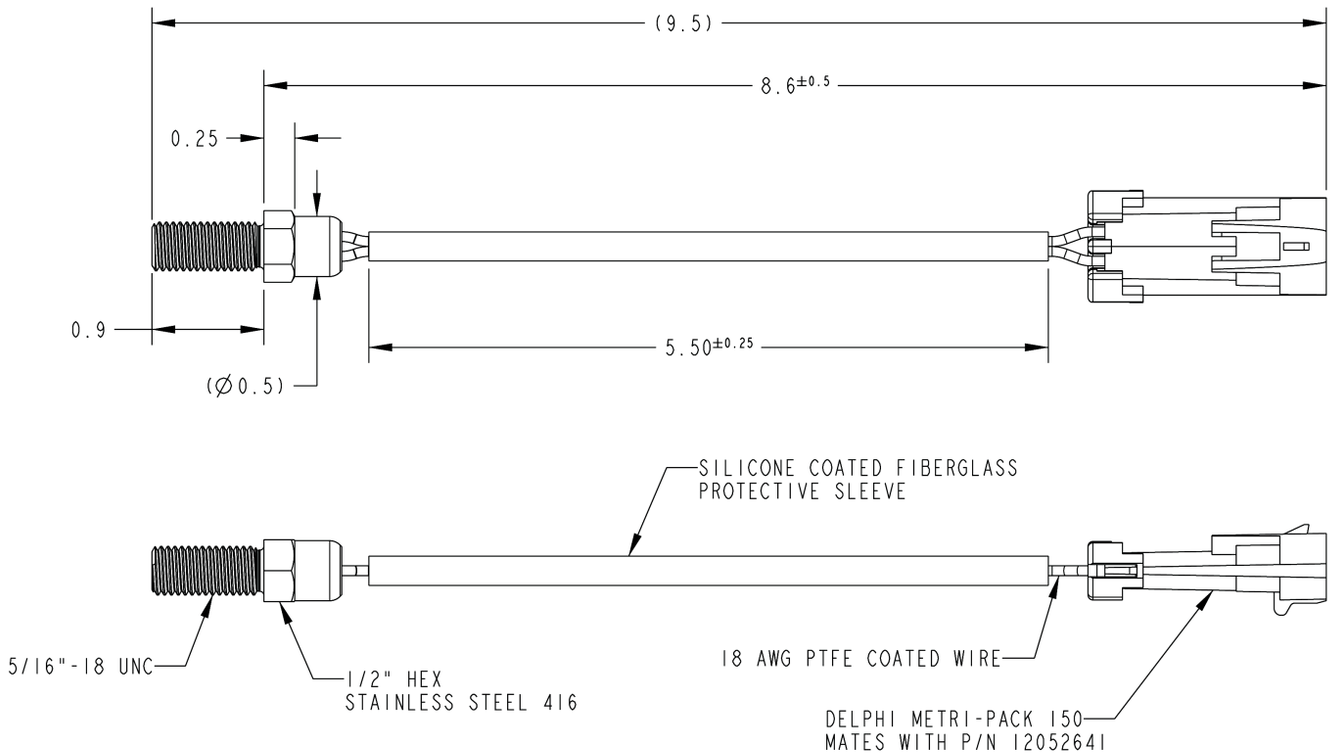
GE-1571 Specifications

- **Operating Temperature Range**
  -40°C to 200°C
- **Storage Temperature Range:**
  -40 to 150 °C
- **R @ 25°C :**
  2820 Ohms
- **Response time:**
  <15 seconds
- **Housing Material**
  416 Stainless Steel
- **Weight:**
  ~27 grams
- **Beta 25/85**
  4073
- **Connector**
  Delphi Metri-pack 150
- **Mating Connector**
  P/N 12052641

R vs. T			
Temp. (°C)	Resistance (Ω)	Resistance Tolerance (±%)	Temp. Tolerance (±°C)
-40	101767	9.59	1.42
-25	38928	8.28	1.36
0	9483	6.27	1.20
25	2820	4.86	1.08
85	286	7.74	2.40
100	179.6	8.34	2.79
180	24.80	9.88	4.80
200	16.73	9.90	5.24



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