THERMOMETRICS
A COMMITMENT TO EXCELLENCE

Product Spotlight

# E-motor Coil Temperature Sensor

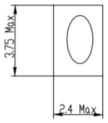
Thermometrics automotive e-motor coil Temperature Sensor normally is integrating into EV/HEV e-motor's stator coil windings. The temperature sensor is used to monitor the coil temperature and warn of an over-temperature condition.

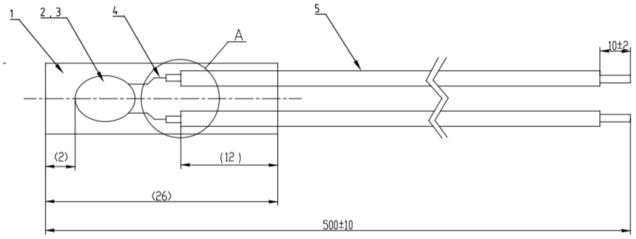
Thermometrics 汽车电机线圈温度传感器通常集成在电动汽车/混合动力汽车的定子线圈绕组中。温度传感器用于监控电机线圈温度，并在温度过高的情况下发出警告。

## Features 特点

- Operating temperature range 工作温度范围: -40℃~ 200℃
- Standard Wire Length 500mm, customized wire length available per request 标准产品的线束长度 500mm，可以满足其他客户定制化的长度
- Chip in Glass, Dual Teflon tube protection PTFE+PFA/FEP, Max.3.75mm x 2.4mm 玻璃封装芯片，双特氟龙套管保护 PTFE+PFA/FEP, 最大探头尺寸 3.75mm x 2.4mm （扁头）
- Max. Dia3.5mm version available 探头直径Max. Dia3.5mm 可选
- Existing field proven design 现有经过应用验证的设计
- High accuracy and long term stability高精度，长期稳定
- Withstand voltage 耐电压: AC3000V, 3S
- Extremely fast response 极快的响应
- Compliance with RoHS 满足RoHS规范
- Alternate R-T curves available per request 其他R-T曲线可选
- Special mounting bracket available when necessary必要时可提供特殊安装支架






## Applications 应用

- Automotive E-motor Coil Temperature 汽车电机线圈温度
- Elec Generator Coil Temperature 发电机线圈温度
- Industrial motor Coil Temperature monitor 工业马达线圈温度

## Ordering Options 订购型号

| Part Number 零部件号 | Resistance @150℃ |
|---|---|
| CTTS-305979-F03 | 1.196KΩ ± 3.0% |

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