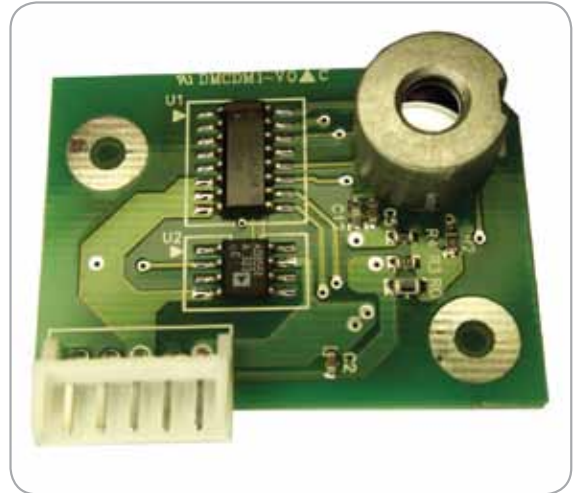




T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

ZTP-25ASM

Thermometrics IR Model



The ZTP-25ASM model provides the temperature compensated quad outputs via two control signals with silicon optical lens. It can also provide a compatibility with the customer's device without the recalibration of the device. Five wire connections are necessary for operation: one for output signal, two signals for controlling the sensing elements, and two for single power supply and ground. The field of view of each element of ZTP-25ASM is about 4 degrees for 50% normalized output and the peak to peak of each element is about 8 degrees. The total size is only 1 in x 1.6 in (30 mm x 40 mm).

Applications

- Microwave ovens
- IR detector for multi-area detection

Features

- Easy application
- Compact size
- Ambient temperature-compensated output

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ZTP-25ASM Specifications

Supply Voltage

Single supply (+5V)

Supply Current

Typical 3.9 mA

Response Time

Maximum 35 ms

Range of Measuring Temperature

-58°F to 293°F (-50°C to 145°C)

Operating Temperature

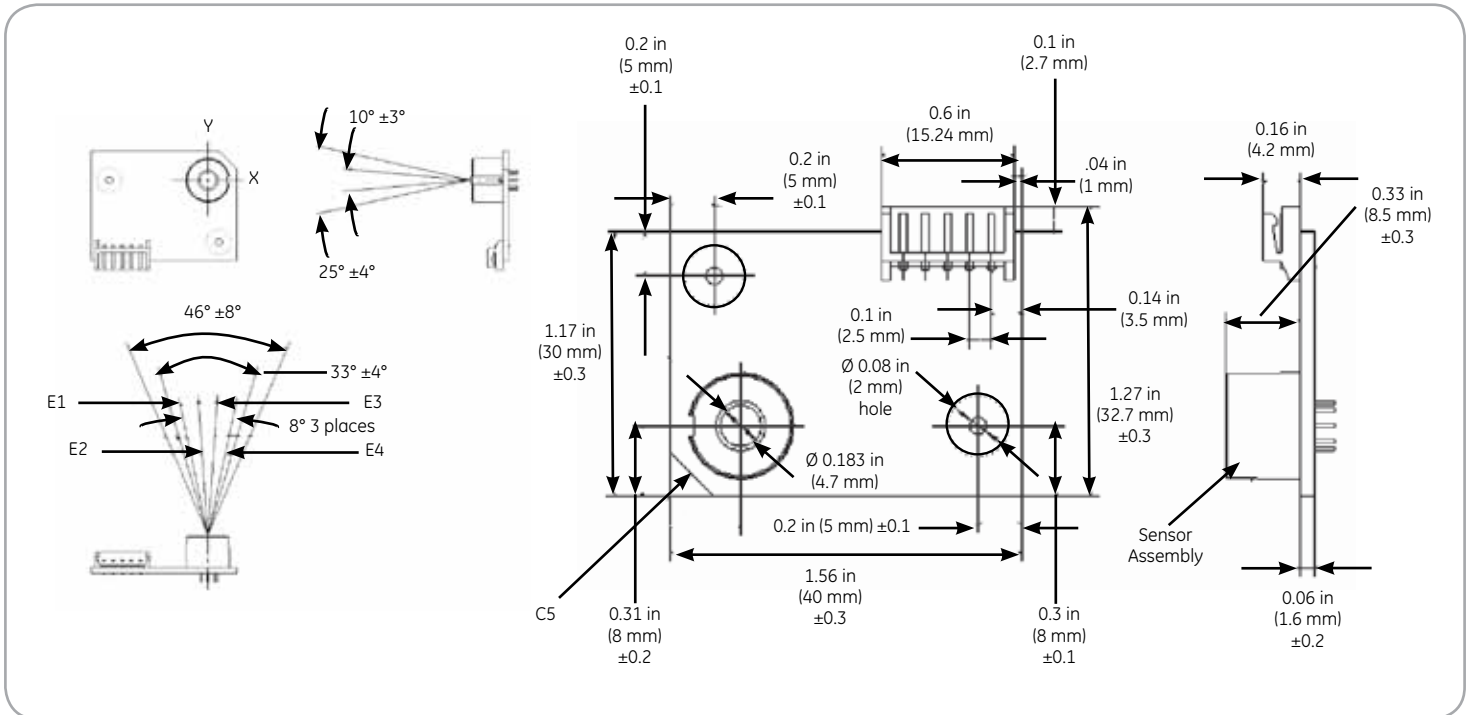
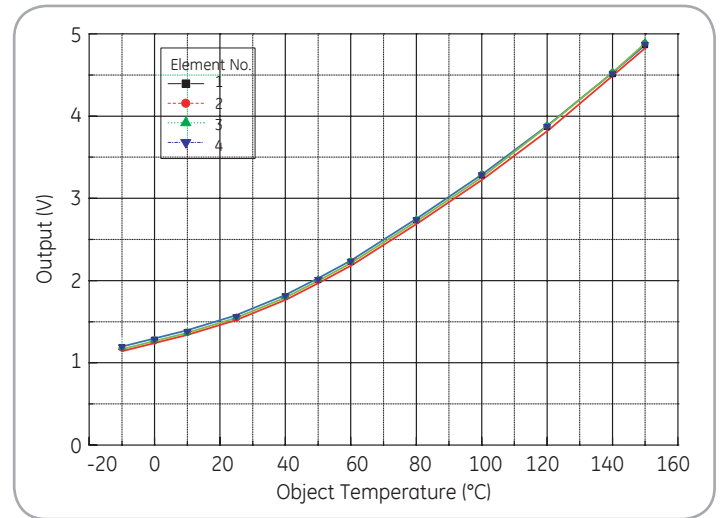
-4°F to 212°F (-20°C to 100°C)

Storage Temperature

-4°F to 248°F (-20°C to 120°C)

Thermopile Sensor

ZTP-25A



Field of view of sensor module and package dimensions

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