



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-115ML

Thermometrics IR Module



The ZTP-115ML infrared module is used for non-contact surface temperature monitoring. This thermopile IR module presents the temperature compensated single outputs via I²C with optics (Silicon Lens). It can also provide compatibility with the customer's device without the need for recalibration. The ZTP-115ML uses 4-wire connections: two signals for I²C output, single power supply and ground.

The field of view of each element of ZTP-115ML is about ± 5 degrees for 50% normalized output. The total size is only 30 mm X 28 mm.

Applications

- Microwave oven
- IR Detector for narrow FOV detection

Features

- Single module
- Digital temperature output
- I²C output
- Fully calibrated and compensated

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Specifications

Supply Voltage

Single Supply (+5V)

Output mode

Temperature (I²C protocol)

Temperature Range

-20°C ~ 100°C

Operating Temperature

-20°C ~ 100°C

Storage Temperature

-20°C ~ 120°C

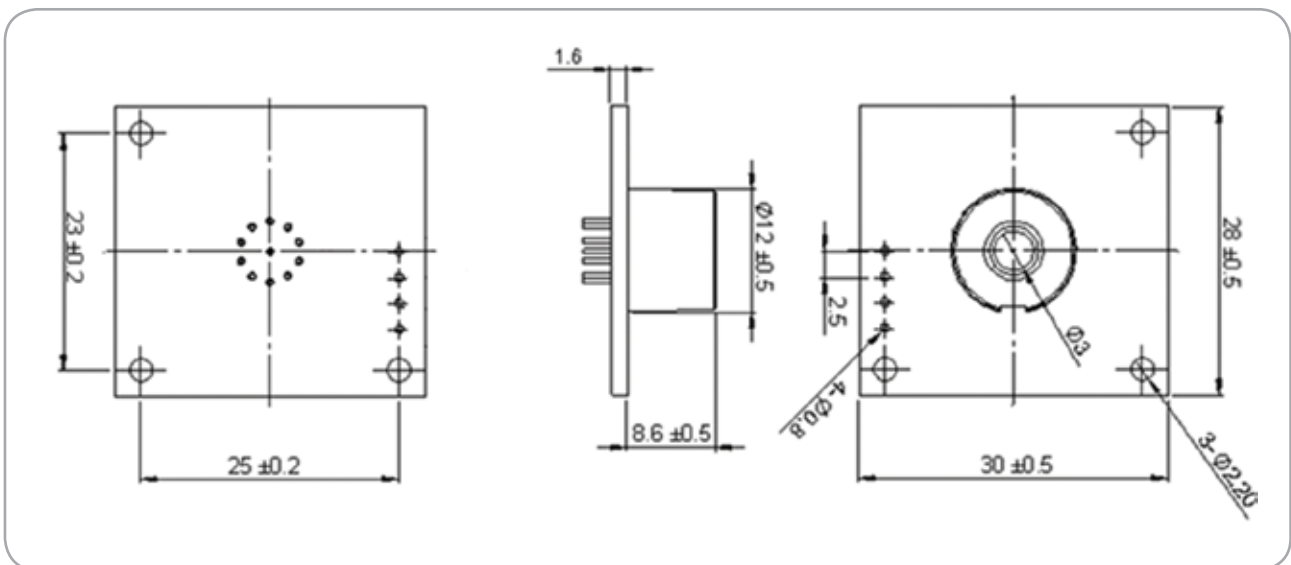
Thermopile Sensor

ZTP-115

Module Size

30 mm x 28 mm

Package Dimension



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