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
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