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 ~ 100°C

Thermopile Sensor
ZTP-115

Module Size
30 mm x 28 mm

Package Dimension