

# MMS701

IR Sensor (Low Temperature Type)

2024/02/28

## Outline

This product is an infrared sensor using MEMS thermopile technology. This sensor can measure surface temperature of objects without touching them by capturing infrared ray radiation from the objects.

## Applications

Home appliances (refrigerators, cooking appliances, air conditioners), beauty equipment (hair dryers)

## Features

Low noise level : Noise-equivalent temperature (NETD) is below 0.06°C or less.

## Main specifications

Pixels	1 pixel
Supply Voltage Range [V]	4.5~5.5
Operating Temperature Range [deg.C]	-40~80
Object Temperature Range [deg.C]	-40~80
Current Consumption [mA]	3.5
Field of View (FOV) [°]	25
Noise-equivalent temperature (NETD) [deg.C]	0.06

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Temperature Accuracy	±1.5°C max. (@calibration point)
Interface	I2C

## Package



## Package Size [mm]

11.6 x 12 x 8.7