**muRata**
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of IML-0687 from the official website of Murata Manufacturing Co., Ltd.

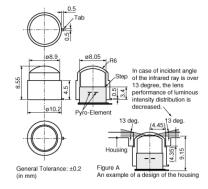http://www.murata.com/en-sg/products/productdetail?partno=IML-0687

# IML-0687

In Production | Recommended | RoHS | REACH

## Appearance & Shape



0.5
Tab
0.5

ø8.9
ø8.05
R6
Step

In case of incident angle of the infrared ray is over 13 degree, the lens performance of luminous intensity distribution is decreased.

8.55
4.5
0.5
3.4

ø10.2

Pyro-Element

13 deg. (4.45) 13 deg.

Housing

(4.35)
9.15

General Tolerance: ±0.2
(in mm)

Figure A
An example of a design of the housing

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| - | Bulk(Bag) | 100 |

## Features

For LEAD TYPE(IRA-S Series)

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## Specifications

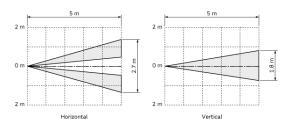| Material | High density polyethylene |
|---|---|
| Color | Natural(White) |
| Operating Temperature Range | -25℃ to 60℃ |
| Storage Temperature Range | -30℃ to 80℃ |
| Detection area (deg.) | Horizontal：30　Vertical:20 |
| Number of lens segments | 1 |

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# IML-0687

## Product Data



*Assembled with Murata sensor IRA-S2** series

Detection Pattern

URL : https://www.murata.com/

Last updated05/16/2024