Product Specification for Reference Only

Issued Date: 22 October, 2013

Rev. :

Part Description: Fresnel Lens

MURATA Part No.: IML-0686

The product specification in this sheet is for reference only.
The contents of this specification is subject to change.

You are requested to receive the latest specification and to return one copy of the specification to us with your receipt signature before going into mass production.

Product engineering section
Sensor module department
Circuit module products division
Murata MFG. Co.,Ltd.

MURATA MANUFACTURING CO.,LTD.

1. Scope

This product specification is applied to fresnel lens IML-0686 used for Pyroelectric infared sensor IRA-S210ST01 to detect infrared ray. Please contact us when using this product for any other applications than described in the above.

2. Murata Part Number

IML-0686

3. Outline Drawing and Dimensions

See Figure 1.

4. Material etc.

4-1 Material

High density polyethylene

4-2 Refractive Index

1.51

4-3 Transmittance

See Figure 3.

4-4 Color

IML-0686 : Natural White

IML-0686G : Gray

IML-0686W : White

5. Lens

5-1 Field of View

See Figure 2.

6. Operating Temperature

-25 ~ 60°C

7. Storage Temperature

-30 ~ 80°C