

MESSRS. : _____

AGENT : _____


SPECIFICATION of Optical Lens

MODEL NO. : NCL-13

 **NIPPON CERAMIC CO., LTD.**

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Approved by	Checked by	Prepared by

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1. Scope

This specification describes a optical lens which is used for passive infrared detector.

2. Type of Lens

2.1. Type Name: Spherical shape optical lens

2.2. Model No.: NCL-13

3. Dimensions

See Figure 1.

4. Material

High Density Polyethylene (HDPE)

5. Color

Natural

6. Optical Characteristics**6.1. Number of Zones**

20 zones

6.2. Detection Area

See Figure 2.


7. Environmental Characteristics**7.1. Operating Temperature**

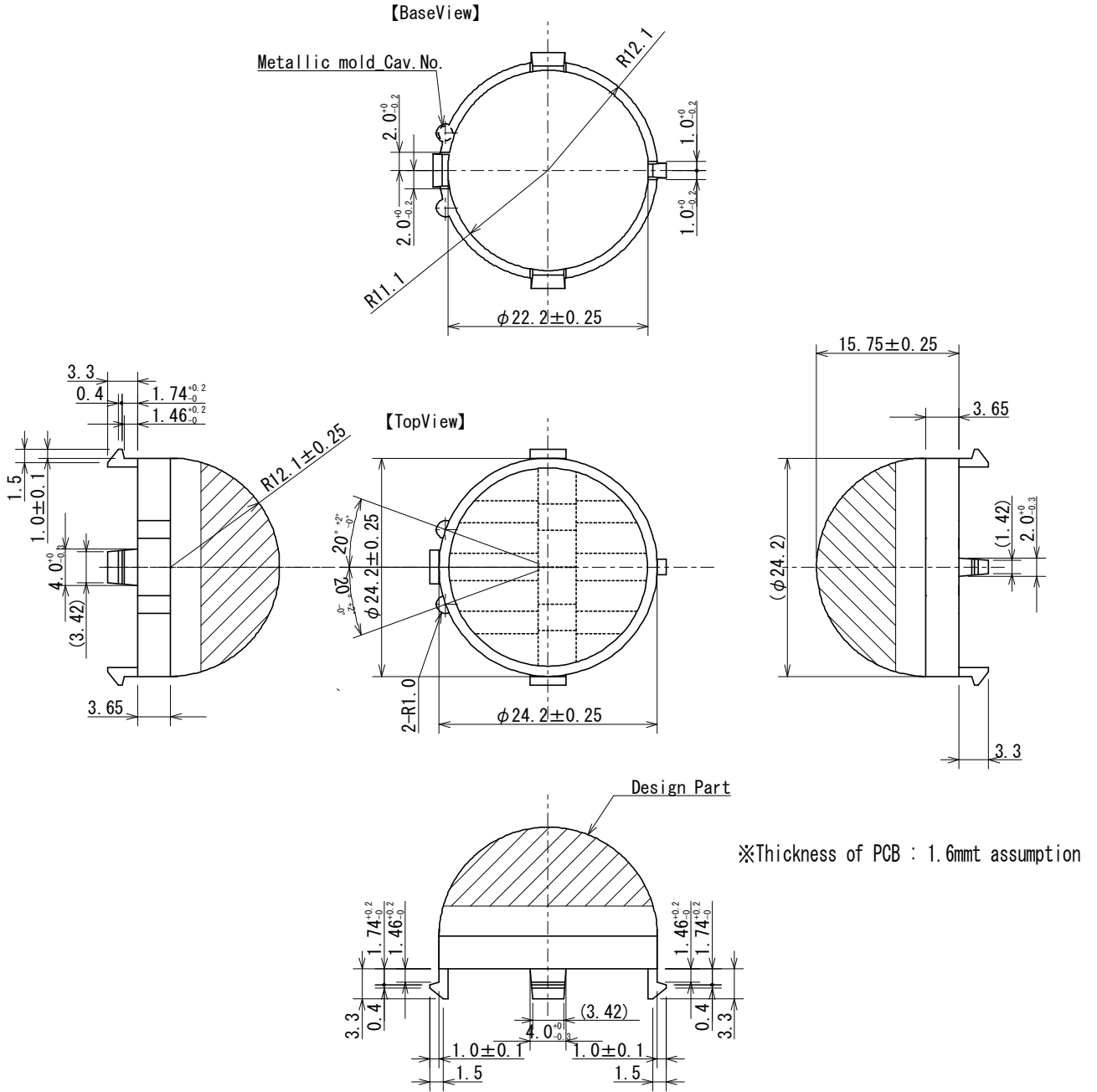
-20 °C ~ +70 °C

7.2. Storage Temperature

-25 °C ~ +75 °C

* Please avoid using the lens in direct sunshine conditions because it may cause degradation of the transmittivity.

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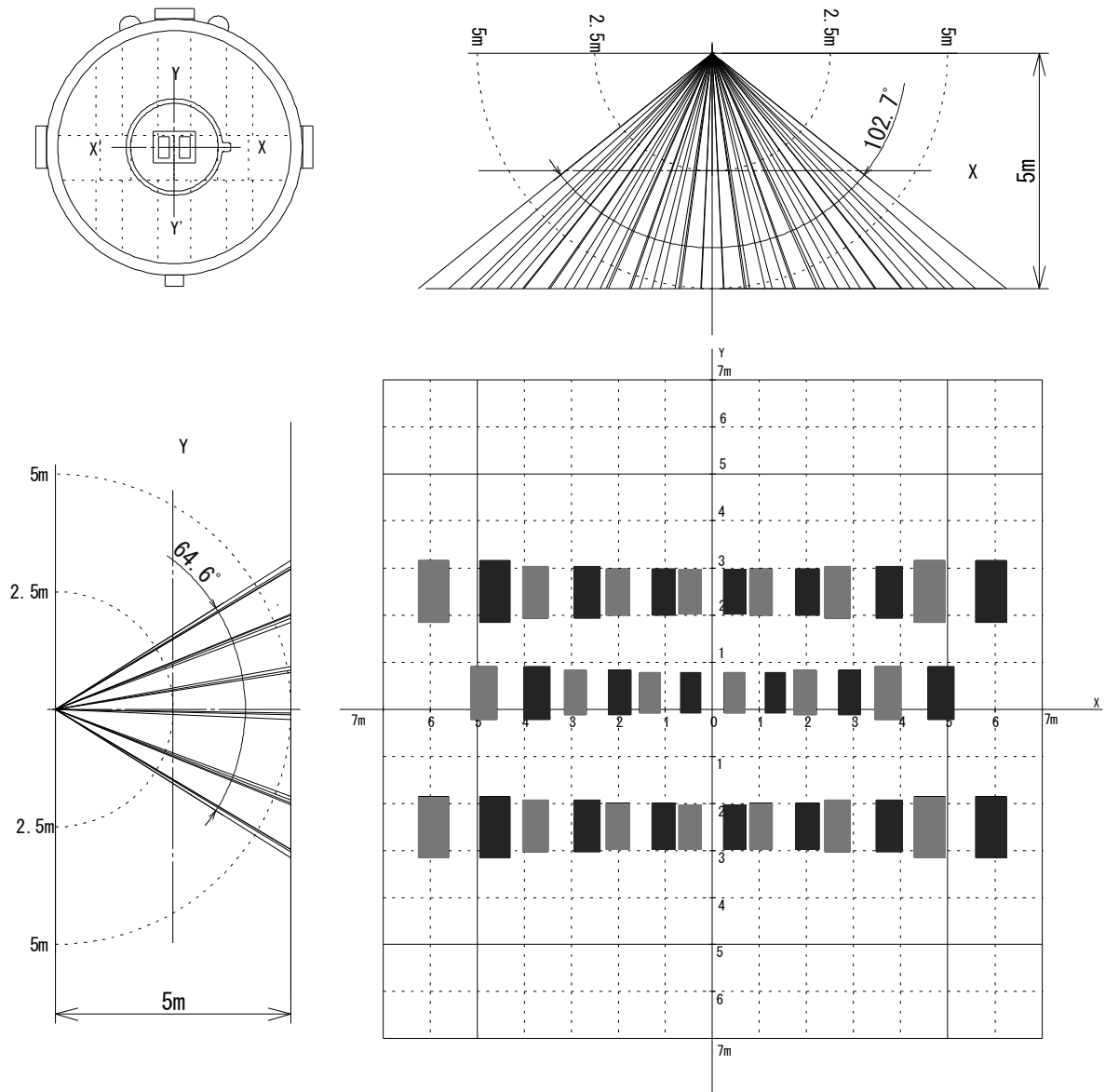


Tolerance without instruction : (+/-) 0.2
Unit [mm]

Figure 1: Dimensions

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Sensor : Dual element



Distance : 5.0 m

[Traverse Plane]

Unit [m]

※ Measured with Nicera Standard 72.5dB amplifier when human body with 4 degrees C of temperature difference to environment moves at 1m/sec speed.

Figure 2: Detection Area (with Dual Element PIR)

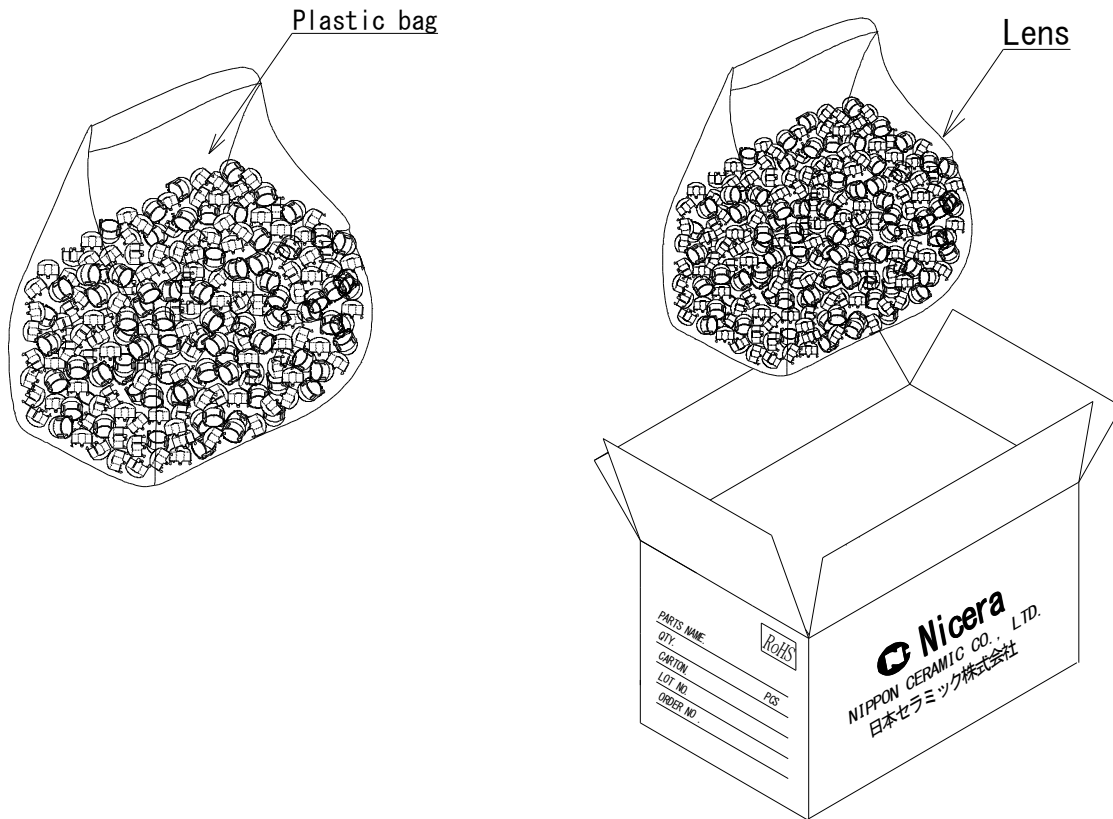
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Packing Specification

The products are put into a plastic bag, and the plastic bags are packed in an inner box.

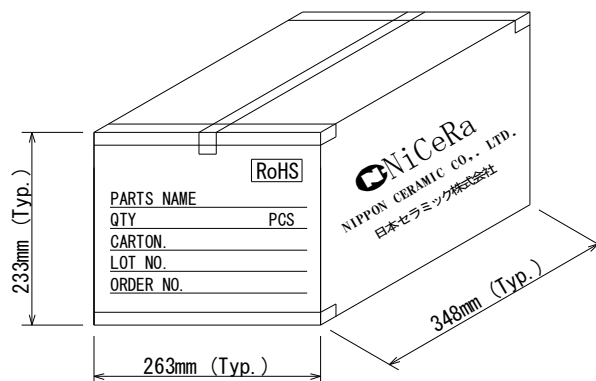
1. Product arrangement
2,000 pcs. / plastic bag

2. Packing
1 bag × 2,000 pcs. / 2,000 pcs.




3. Packing in a box

The outer box is sealed with stick tape.



4. Standard Package Quantity : 2,000pcs.

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