


MESSRS. : _____

AGENT : _____

SPECIFICATION OF OPTICAL FILTER

MODEL NO. : UF111105 **NIPPON CERAMIC CO., LTD.**176-17 Hirooka, Tottori-shi, 689-1193 JAPAN
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Approved by		Checked by		Prepared by
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PART NO. :				 NIPPON CERAMIC CO., LTD.

1. Scope

This specification describes a silicon filter by NIPPON CERAMIC CO.,LTD.

2. Model no.

UF111105

3. Physical configuration

3.1. Appearance

Must not be conspicuous, chip-out, peel-off and spot.

3.2. Size : $11.0 \pm 0.1 \times 11.0 \pm 0.1$ mm
 Thickness : 0.5 ± 0.05 mm
 See Figure 1

4. Optical characteristics

4.1. Filter substrate : SILICON (UNCOATED)

4.2. Transmission : ≥ 35 % AVERAGE $1.5 \sim 20 \mu\text{m}$
 See Figure 2


5. Environmental Characteristics

5.1. Operating Temperature
 $-20^\circ\text{C} \sim +70^\circ\text{C}$

5.2. Storage Temperature
 $-30^\circ\text{C} \sim +80^\circ\text{C}$

5.3. Relative humidity
 Silicon filter shall not have peel-off after exposed to 95%rh at 50°C for 24 hours.

5.4. Membrane strength
 After test 5.3, membrane shall not have peel-off when stick and remove adhesive tape.

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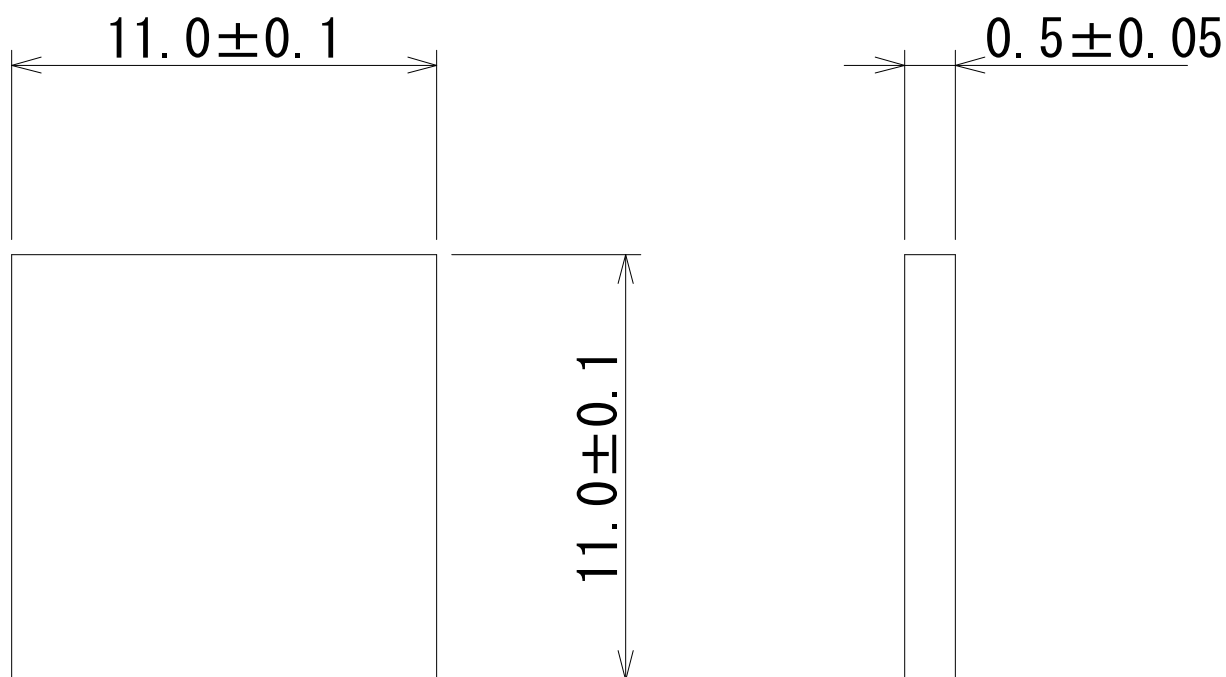


Figure 1: Configuration

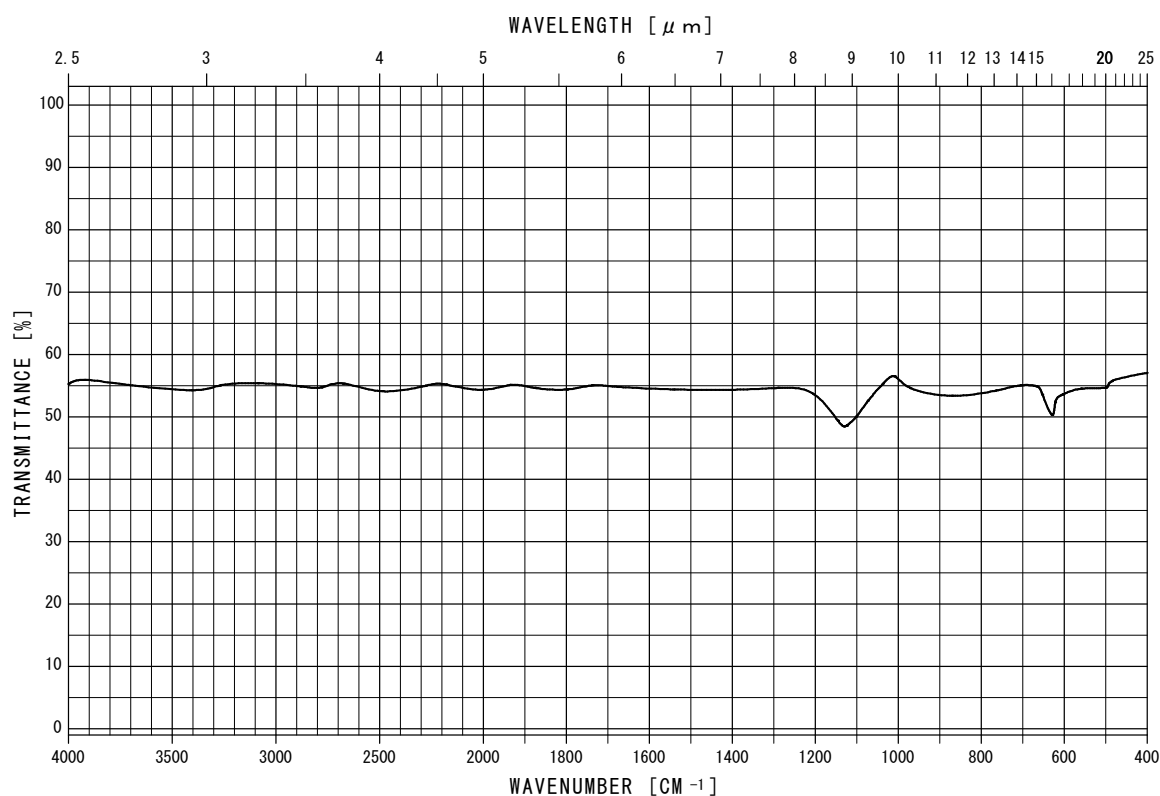



Figure 2: Transmission

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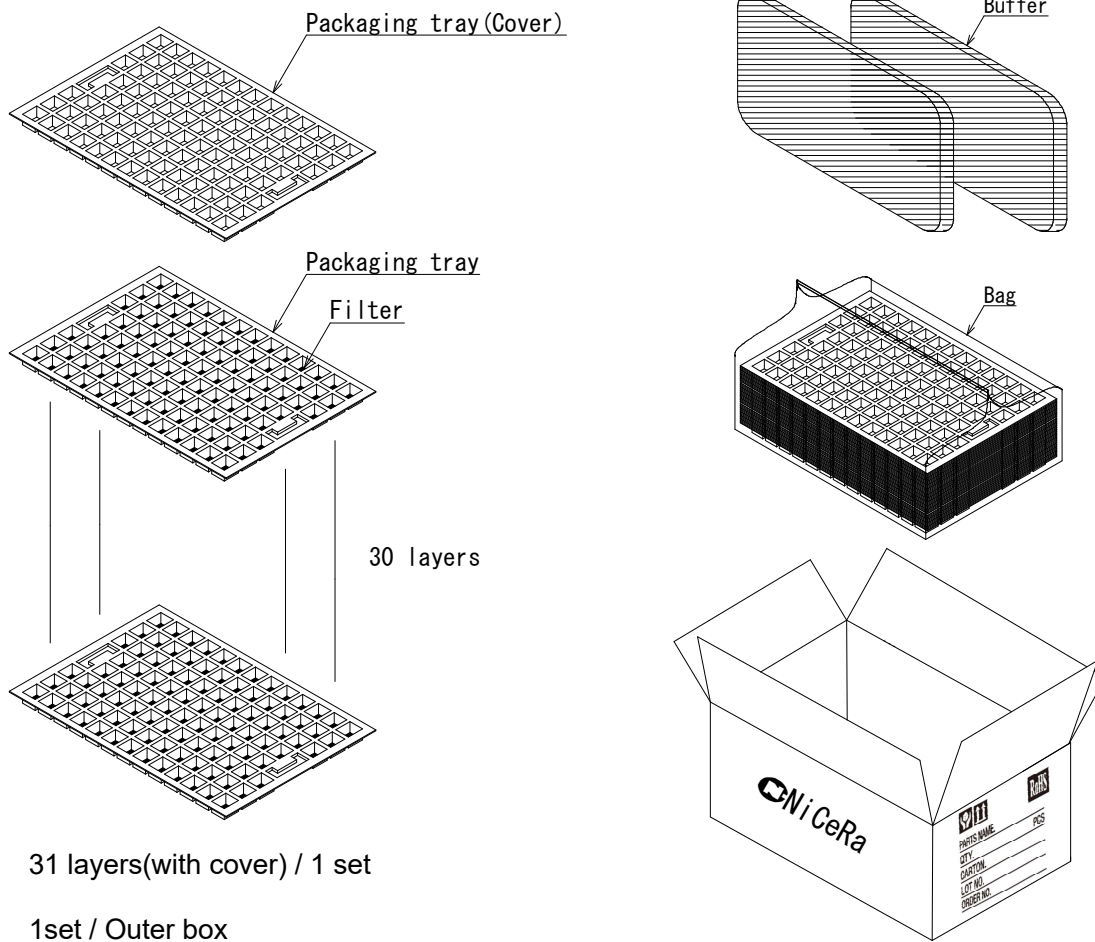
Packing Specification

The products are packaged in packaging tray, and the trays are piled up as shown on the following sketch.

1. Standard Package Quantity : 3,000pcs.

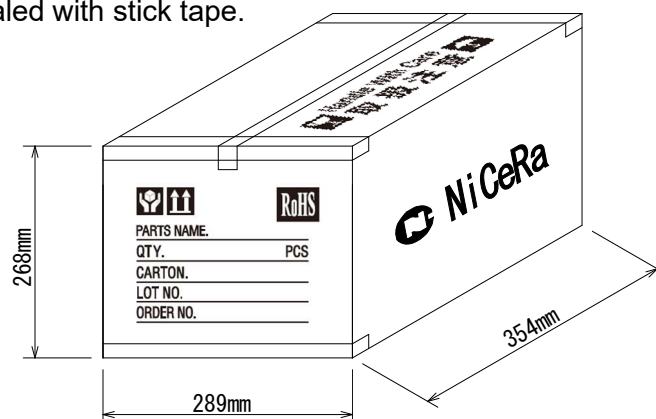
2. Product arrangement 100pcs./Layer


3. Packing



4. Packing in a box

The outer box is sealed with stick tape.



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