

# MIRROR DISC

## For Checking CD Optical Pickup

### SCD-4142/ -4143

#### 1. Purpose of use, Features

These are Mirror Discs designed for measurement and adjustment of CD Optical Pickups.  
It is processed Silicone coating on Aluminum coat for protection.

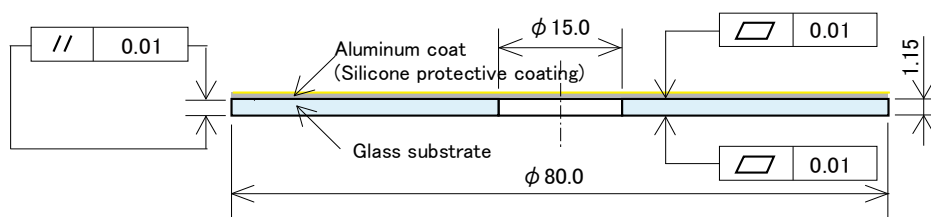
#### 2. Specifications

- Disc type : Mirror Disc
- Material of Glass : Float Glass (Soda-lime Glass)
- SCD-4142
  - Outer diameter : 80.0 ± 0.05 mm
  - Center hole diameter : 15.0 +0.1/ -0 mm
  - Glass thickness : 1.15 ± 0.03 mm
  - Aluminum coat area : φ 15 ~ φ 80 mm
  - Assured area of Aluminum coat : φ 24 ~ φ 78 mm \*2
  - Tilt : 0 ± 0.05° (both sides)
  - Reflectivity : ≥ 70 % \*1
  - Radial run-out of outer track : ≤ 0.3 mm
- SCD-4143
  - Outer diameter : 120.0 +0/ -0.1 mm
  - Center hole diameter : 15.0 +0.1/ -0 mm
  - Glass thickness : 1.15 ± 0.03 mm
  - Aluminum coat area : φ 15 ~ φ 120 mm
  - Assured area of Aluminum coat : φ 24 ~ φ 116 mm \*2
  - Tilt : 0 ± 0.05° (both sides)
  - Reflectivity : ≥ 70 % \*1
  - Radial run-out of outer track : ≤ 0.3 mm

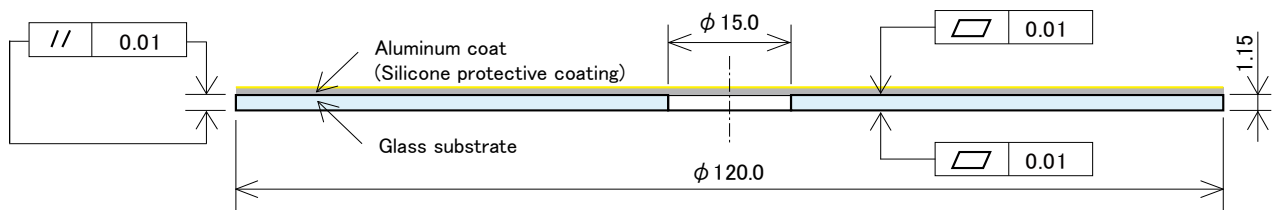
\*1) Reflectivity is the double pass value that incident light from Glass substrate reflects on Aluminum coat.  
\*2) Specifications of Pinholes and Scratches comply with Compact Disc Digital Audio System.

Dimensional drawing of SCD-4142

Unit : mm



Dimensional drawing of SCD-4143



Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

<Proper handling of the disc>  
Do not write on the surface with a pen and others, nor put a sticker on it.  
Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.  
After playing, store the disc in its own case.

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