

## Safety Precautions (Common precautions for Aspherical Glass Lenses)

- When using our products, no matter what sort of equipment they might be used for, be sure to make a written agreement on the specifications with us in advance. The design and specifications in this catalog are subject to change without prior notice.
- Do not use the products beyond the specifications described in this catalog.
- This catalog explains the quality and performance of the products as individual components. Before use, check and evaluate their operations when installed in your products under the actual conditions for use.
- Install the following systems for a failsafe design to ensure safety if these products are to be used in equipment where a defect in these products may cause the loss of human life or other significant damage, such as damage to vehicles (automobile, train, vessel), traffic lights, medical equipment, aerospace equipment, electric heating appliances, combustion/gas equipment, rotating equipment, and disaster/crime prevention equipment.
  - \* Systems equipped with a protection circuit and a protection device.
  - \* Systems equipped with a redundant circuit or other system to prevent an unsafe status in the event of a single fault.
  - \* Systems equipped with an arresting the spread of fire or preventing glitch.

### (1) Precautions for use

- These products are designed and manufactured for general and standard use in general electronic equipment. (e.g. AV equipment, home electric appliances, office equipment, information and communication equipment)
- These products are not intended for use in the following special conditions. Before using the products, carefully check the effects on their quality and performance, and determine whether or not they can be used.
  1. In liquid, such as water, oil, chemicals, or organic solvent.
  2. In direct sunlight, outdoors, or in dust.
  3. In salty air or air with a high concentration of corrosive gas, such as  $\text{Cl}_2$ ,  $\text{H}_2\text{S}$ ,  $\text{NH}_3$ ,  $\text{SO}_2$ , or  $\text{NO}_x$ .
  4. In an environment where these products cause dew condensation.
- Carefully position these products so that their temperatures will not exceed the category temperature range due to the effects of neighboring heat-generating components.
- Dust or dirt on the surface of a lens should be removed using compressed air, or by blowing air across the lens surface.

If dust/dirt remains, wipe the lens lightly with a swab soaked in ethanol. Note that the performance or appearance of lenses will be affected if their surfaces are scratched as a result of being rubbed strongly. Do not cleanse lenses with water, doing so could also influence their performance or make the surfaces dull.
- Do not directly touch the surfaces of lenses when taking them out from trays. Hold the flange or lens barrel instead.
- Always use plastic tweezers when handling lenses.

### (2) Precautions for storage

- Always store lenses in desiccators.
- Avoid storage under conditions of high temperature and high humidity.

<Package markings>

Package markings include the product number, quantity, and country of origin.

In principle, the country of origin should be indicated in English.