

■ Limitation of Applications

The product is designed and manufactured for consumer application only and is not available for any application listed below which requires especially high reliability for the prevention of such defect as may directly cause damage to the third party's life, body or property.

- Aircraft equipment.
- Aerospace equipment
- Undersea equipment.
- Power plant control equipment
- Medical equipment.
- Transportation equipment (vehicles, trains, ships, etc.).
- Traffic signal equipment.
- Disaster prevention / crime prevention equipment.
- Application of similar complexity and/ or reliability requirements to the applications listed in the above.

■ Fail-safe

Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by the abnormal function or the failure of our product.

■ Notice

1. Storage

Please store in manufacturer's packing within 6 months under the following conditions.

Temperature: 5 ~ 30°C, Humidity: 70% RH or below

- After opening the manufacturer's packing, please store within 168 hours under the following conditions.

Temperature: 5 ~ 30°C, Humidity: 60% RH or below

- In the case of passing more than 168 hours after opening, surely to do dehumidify (baking) before reflow soldering. At the dehumidification, this product should be transferred to a heat resistant tray from manufacturer's reel. The dehumidification

times should be within one time. The standard baking condition is following;
Temperature: 125°C, 24 hours

- Please do not store in the following environments, which could damage electrical characteristics or solderability.
 - (1) Dusty place
 - (2) Ambient air containing corrosive gases (Cl₂, H₂S, NH₃, SO₂, NO_x etc.)
 - (3) Ambient air containing volatile or combustible gases
 - (4) Depressurized or pressurized air
 - (5) Where water may splash or where humidity is so high that condensation could easily occur
 - (6) Environment subject to strong static charge or electromagnetic field
 - (7) Exposed to direct sunlight
 - (8) In liquid
 - (9) Influenced by low frequency vibration
 - (10) Other environments with risks similar to (1) through (9)
- Please do not drop or throw this product directly to the floor.

2. Handling Precautions

- Handling
 - (1) As electrostatic field or discharge may degrade this product, please take methods such as wearing wrist strap, grounding working desk or equipment to avoid this damage.
 - (2) Please do not touch the electrodes with bare hands, which may degrade solderability.
 - (3) When you transport the products, please pack them so as to keep them without excessive mechanical vibration or shock through its transportation.
 - (4) Please do not attach water droplets or dust to the product.
 - (5) The product is designed to be assemble by soldering. Please contact if you assemble by other method.
- Washing
 - (1) Please do not use flon, trichloroethane and so on to protect the global environment.
 - (2) Please do not ultrasonic washing, because of wire may be broken.
 - (3) Please contact us about washing method beforehand.
- Abandonment

Recognizing that this product contains GaAs, please abandon this product with the customer's own responsibility.

3. Usage Conditions

- Please do not use in the following environments, which could damage electrical characteristics or solderability.
 - (1) Dusty place
 - (2) Ambient air containing corrosive gases (Cl₂, H₂S, NH₃, SO₂, NO_x etc.)
 - (3) Ambient air containing volatile or combustible gases
 - (4) Depressurized or pressurized air
 - (5) Where water may splash or where humidity is so high that condensation could easily occur
 - (6) Environment subject to strong static charge or electromagnetic field
 - (7) Exposed to direct sunlight
 - (8) In liquid
 - (9) Influenced by low frequency vibration
 - (10) Other environments with risks similar to (1) through (9)
- Please contact the manufacturer before using the products in any of the above environments.