

Inquiry and Contact...

Marketing Department

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URL: http://www.yama-ph.co.jp/index_e.html (inquiry Form)

1 Outline

Our glass LID products are the components which consist of glass windows hermetically sealed to metal frames through YAMAMURA's core technology "GTMS(Glass-to-Metal Seal)".

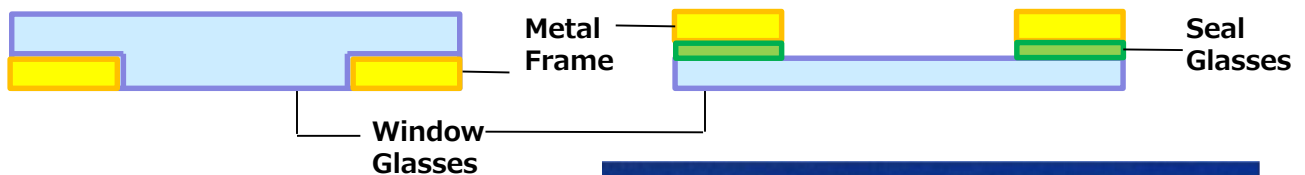
YAMAMURA's glass LID products achieve higher hermeticity and reliability compared to LIDs sealed by resin because of being made from only inorganic materials. We can provide various type of windows including our original materials, so that we can totally propose products and optical designs to meet the needs of customers.

In the fields of high power UV-LED and surface-mount package, YAMAMURA's glass LIDs are sure to support customer's development of products in the future.

2 Features and Applications

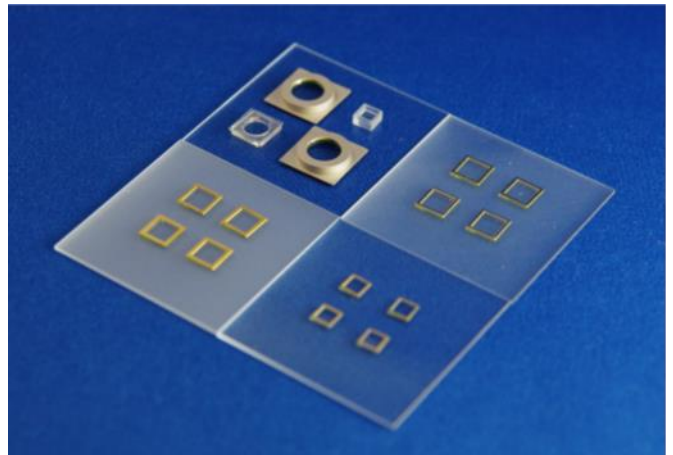
< Features >

- High Reliability: YAMAMURA's glass LIDs are made of only inorganic materials and excellent in light resistance and hermeticity.
- Thin and Flat LIDs: We have obtained thinner LIDs by attaching the glass windows to metal frames directly. It enables customers to reduce thickness of the packages.
- Excellent Hermeticity: Leak rate less than $1 \times 10^{-9} \text{Pa} \cdot \text{m}^3/\text{s}$
- Various Optical Design: AR coatings, Band-Pass Filter coatings, etc.
- Glass Window for UV: YAMAMURA original "KC glass" is suitable to UV application and is available
- Various Materials for Window: Various materials such as silica, sapphire, silicon and germanium can be assembled with special solder glasses.



< Applications >

- Sensors
- LiDAR
- UV-LED Packages
- Automotive Equipment
- Display



This product information may be changed without preceding notice.